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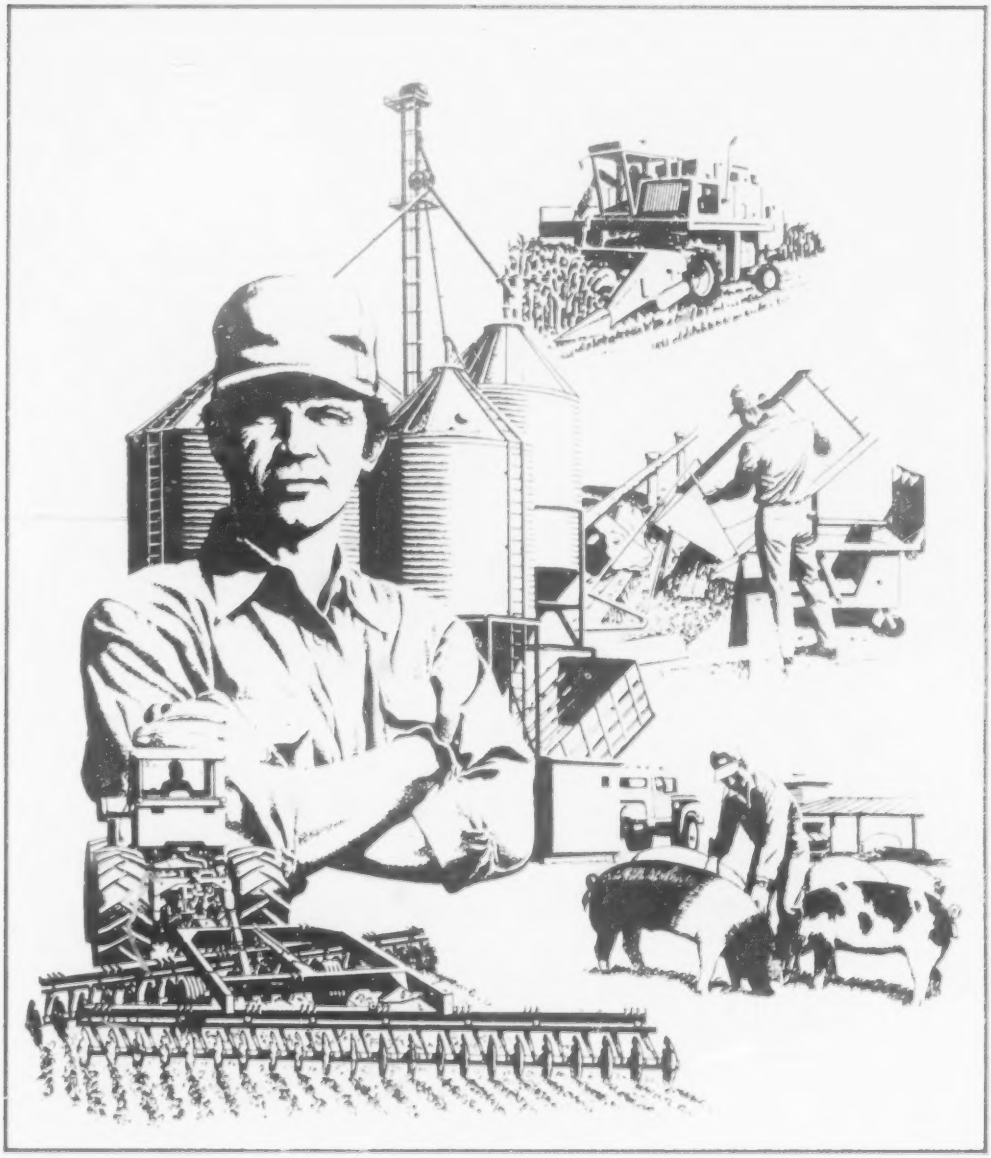
Delaware

Agricultural Statistics



1987

SUMMARY

Issued Cooperatively by:

Delaware Department of Agriculture
Delaware Agricultural Statistics Service

STATE OF DELAWARE
DEPARTMENT OF AGRICULTURE

Dear Friend of Agriculture:

I am pleased to present the 1987 summary of Delaware Agricultural Statistics.

Agriculture is the most important industry in the State of Delaware, providing us with the essential food and fiber we have come to depend on. Even though less than 2% of Delawareans are farmers, we boast production figures that rank us in the top of American agriculture in many categories.

I would like to thank Bruce West, State Statistician, National Agricultural Statistics Service, USDA, and his staff for their work in compiling and printing this summary. I would also like to thank the many farmers who took the time to furnish this information.

It is my hope that you will find this information not only interesting, but beneficial in making decisions that affect the future of Delaware agriculture.

Sincerely,

Wm. B. Chandler Jr.

William B. Chandler, Jr.
Secretary of Agriculture

DELAWARE AGRICULTURAL STATISTICS
SUMMARY FOR 1987

ISSUED COOPERATIVELY BY

DELAWARE DEPARTMENT OF AGRICULTURE
William B. Chandler, Secretary
Roland Derrickson, Director

UNITED STATES DEPARTMENT OF AGRICULTURE
NATIONAL AGRICULTURAL STATISTICS SERVICE
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FOREWORD

This issue of "Delaware Agricultural Statistics" contains all major series of agricultural data developed by the Delaware Agricultural Statistics Service. Through a cooperative effort between the Delaware Department of Agriculture and the National Agricultural Statistics Service, we present an overall view of Delaware agriculture.

this publication includes data on crop production, livestock and poultry production, prices, income and other facets of agriculture. Wherever space permits, data from 1970 forward are included to provide a limited history of the State's agriculture.

A special thank you is extended to many Delaware farmers and business people who voluntarily provided the data essential for this report. Without their cooperation, this information would not be available. This historical record of economic performance provides the groundwork for successful planning and decision making in all segments of agriculture.

Special recognition should be given to the office staff. A special thanks is due to E. May Rhoten for compiling data, layout design, and complete typing and preparation of the report for printing and to he staff at the Delaware Department of Agriculture for this contributions to layout, design and graphics.

Sincerely,

Bruce West

M. Bruce West
State Statistician

HIGHLIGHTS

	1987		1987
Number of Farms	3,100	Gross Farm Income	524,300,000
Average Size Farm	203 Acres	Farm Prod. Expenses	384,600,000
Value of Land & Bldgs.	1,118,000,000 Dollars	Gross Income Per Farm	169,000
Avg. Value Per Operating Unit	360,626 Dollars		

LIVESTOCK AND PRODUCTS

COMMODITY	INVENTORY	MARKETINGS	CASH RECEIPTS
	--	1987	1987
Broilers	--	1,049,090,000 Lbs.	$319,972,000
Broilers	--	209,818,000 Head	-
Milk	--	139,000,000 Lbs.	18,084,000
Cattle and Calves (Jan. 1, 1988)	29,000	8,145,000 Lbs.	3,711,000
Hogs and Pigs (Dec. 1, 1987)	58,000	25,925,000 Lbs.	13,253,000
Eggs	--	144,000,000 Eggs	12,120,000
Farm Chickens (Dec. 1, 1987)	1,027,000		625,000
Miscellaneous (Honey, Beeswax, Horse, Mink Pelts, Sheep and Lambs, etc.)			2,557,000
TOTAL LIVESTOCK & LIVESTOCK PRODUCTS			$370,322,000

CROPS AND PRODUCTS

COMMODITY	ACRES HARVESTED	PRODUCTION	CASH RECEIPTS
	1987	1987	1987
Corn for grain	148,000	10,804,000 Bu.	$15,560,000
Soybeans	235,000	4,230,000 Bu.	23,178,000
Greenhouse and Nursery	--	--	30,000,000
Wheat	48,000	2,016,000 Bu.	4,381,000
Apples	--	26,000,000 Lbs.	2,404,000
Hay	23,000	52,000 Tons	969,000
Barley	52,000	3,224,000 Bu.	3,270,000
Peaches	--	900,000 Lbs.	170,000
Potatoes	8,000	1,680,000 cwt	8,151,000
Sweet Corn (Processing)	5,400	25,500 Tons	1,392,000
Green Peas (Processing)	9,700	12,420 Tons	2,844,000
Mushrooms	--	--	4,935,000
Other Crops	--	--	3,717,000
Other Vegetables and Melons	--	--	15,572,000
TOTAL ALL CROPS	--	--	116,543,000
ALL COMMODITIES	--	--	486,865,000

MANAGING THE RISKS IN FARMING

by
Gerald F. Vaughn
Extension Specialist, Resource Economics and Policy

Delaware farmers who do not want to remain at the mercy of drought, pests and diseases, low prices, uncertain interest rates and farmland values, and similar risks, can take control and manage the risks. Managing the risks in farming is an approach to family goal setting and decision making, farm management, and marketing that many farm families find valuable as they plan for the future in a high-risk industry.

Profitable farming requires skilled financial management, operations management, and risk management.

Financial management refers to management of assets, debt, and the capital structure of your farm business. Financial management comprises the decisions you make on major purchases and capital expenses such as investing in irrigation systems or broiler houses.

Operations management refers to all those day-to-day management and marketing decisions you make about your farm enterprises. Skill in enterprise analysis will enable you to expand profitable enterprises, eliminate unprofitable ones, and evaluate opportunities for diversification or alternative enterprises. This is best done in conjunction with a well-conceived marketing strategy and multi-year marketing plan.

Risk management usually is aimed at reducing the variability in profits from year to year and/or protecting against catastrophic losses. Decisions you make as financial and operations manager are the foundation of effective risk management if approached with that goal -- the goal of risk management.

Ask yourself a few questions. What is your personal risk-bearing philosophy? In other words, how much risk do you and your family want? Can you afford to take that risk? Do you have savings or off-farm income, or can you readily convert other investments to cash, which your family can fall back on if your financial situation becomes critical?

You don't have to bear the total risk burden alone. It is highly important for your spouse and children to share in your farm planning and decision making. Your family members should be involved in farm business decisions that affect their lives. when starting out in farming, families may feeling they can and should take more risk. As the years pass, security may become more important and less risk is taken.

You also can transfer or shift come risks to others. Government farm programs, multi-peril crop insurance and liability insurance, the futures market, growing crops or livestock under contract, share-rent agreements, and participation in cooperatives and other mutual self-help organizations all can reduce your risks. Each means of transferring risk has its cost. It is therefore prudent to transfer risk only when the expected benefit will exceed the expected cost.

Farming is a risky business--inherently unstable and highly cyclical. So what is tomorrow's farmer to do to make farming better for his or her family? Begin by examining and casting aside false hopes. They only distract from solving problems. Weather modification, biotechnology, record-high exports, and generous farm programs cannot be relied on.

The risks in farming can't be eliminated but they can be reduced, offset or balanced, transferred or shifted, spread, accommodated, coped with and planned for--terms that simply mean risk management. Cooperative Extension is ready to help farmers understand and use the full range of risk management techniques; they are necessary.

The techniques of risk management can be best learned and applied, and therefore are applied, and therefore are most effective, when a farmer simultaneously seeks to improve as a financial and operations manager. Good financial management, operations management, and risk management, all depend on sound farm record keeping and analysis. Computer-assisted record keeping and analysis is of value to many farmers.

In the area of risk management, the practical decision of whether to buy multi-peril crop insurance is an excellent example of the usefulness of farm records. Does it pay to buy crop insurance? How can a farmer decide without analyzing sound farm record? Your production records over the past five or 10 years can help you predict the frequency and extent of future crop losses. Your financial records can tell you whether your farm business could suffer predicted crop losses and still cover cash production expenses, debt service, and family living expenses. If the potential losses to your cash flow are greater than the cost of crop insurance premiums, you likely need crop insurance.

What has to change to make farming better for you? Learning and using all the applicable techniques of risk management could be part of the answer. To help you further strengthen your risk management and integrate it with your financial and operations management, contact the specialists and agents at our Extension Farm Financial Management Center.

PERCENT PROBABILITY OF LAST 32 DEGREE F. TEMPERATURE
OCCURRING ON/ OR AFTER DATE IN SPRING

STATION	10% 1 YR. IN 10	33% 1 YR. IN 3	50% 1 YR. IN 2	67% 2 YRS. IN 3	90% 9 YRS. IN 10
WILMINGTON	APR 24	APR 16	APR 12	APR 08	MAR 31
NEWARK	MAY 10	APR 29	APR 23	APR 17	APR 06
DOVER	APR 19	APR 12	APR 08	APR 04	MAR 28
GEORGETOWN	MAY 06	APR 27	APR 22	APR 17	APR 08

PERCENT PROBABILITY OF FIRST 32 DEGREE F. TEMPERATURE
OCCURRING ON/ OR AFTER DATE IN FALL

STATION	10% 1 YR. IN 10	33% 1 YR. IN 3	50% 1 YR. IN 2	67% 2 YRS. IN 3	90% 9 YRS. IN 10
WILMINGTON	OCT 15	OCT 24	OCT 29	NOV 03	NOV 12
NEWARK	OCT 05	OCT 15	OCT 20	OCT 25	NOV 03
DOVER	OCT 14	OCT 22	OCT 27	NOV 01	NOV 09
GEORGETOWN	OCT 02	OCT 11	OCT 16	OCT 21	OCT 30

TEMPERATURES: MONTHLY AVERAGE AND DEPARTURES FROM NORMAL
BY COUNTY: DELAWARE 1986

MONTH	NEW CASTLE AVG. TEMP.	NEW CASTLE DEPARTURE FR. NORM.	KENT AVG. TEMP.	KENT DEPARTURE FR. NORM.	SUSSEX AVG. TEMP.	SUSSEX DEPARTURE FR. NORM.	STATE AVG. TEMP.	STATE DEPARTURE FR. NORM.
JANUARY	32.6	+1.0	36.5	+2.1	36.0	+2.3	35.6	+2.0
FEBRUARY	31.9	-1.6	35.0	-1.4	35.5	-0.5	34.8	-0.9
MARCH	44.0	+2.0	47.5	+3.2	47.0	+3.2	46.7	+3.0
APRIL	52.7	0.0	54.3	-0.4	53.2	-0.6	53.5	-0.4
MAY	66.1	+3.7	67.9	+3.7	67.0	+4.0	67.1	+3.8
JUNE	72.6	+1.4	74.9	+2.3	74.9	+3.5	74.5	+2.7
JULY	77.0	+1.3	78.4	+1.4	78.8	+2.9	78.3	+2.1
AUGUST	72.6	-1.9	74.8	-1.0	73.6	-1.2	73.8	-1.3
SEPTEMBER	67.7	-0.1	70.0	+0.4	69.0	+0.4	69.1	+0.3
OCTOBER	57.8	+1.4	61.4	+2.8	61.1	+3.5	60.7	+3.0
NOVEMBER	44.2	-1.6	47.9	-0.3	48.4	+0.6	47.6	0.0
DECEMBER	37.7	+2.0	40.1	+1.7	40.8	+2.6	40.1	+2.2
ANNUAL TOTAL	54.7	---	57.4	---	57.1	---	56.8	
DEPARTURE FROM NORMAL	--	+0.6		+1.2		+1.7		+1.3

TEMPERATURES: MONTHLY AVERAGE AND DEPARTURES FROM NORMAL
BY COUNTY: DELAWARE 1987

MONTH	NEW CASTLE TOTAL TEMP.	NEW CASTLE DEPARTURE FR. NORMAL	KENT TOTAL TEMP.	KENT DEPARTURE FR. NORMAL	SUSSEX TOTAL TEMP.	SUSSEX DEPARTURE FR. NORMAL	STATE AVERAGE TEMP.	STATE DEPARTURE FR. NORMAL
JANUARY	31.4	-0.2	34.1	-0.3	34.1	+0.4	33.7	+0.1
FEBRUARY	32.2	-1.3	33.6	-2.8	32.7	-3.3	32.9	-2.8
MARCH	45.1	+3.1	47.4	+3.1	45.1	+1.3	45.8	+2.1
APRIL	52.6	-0.1	53.8	0.0	51.4	-2.4	52.4	-1.5
MAY	63.9	+1.5	65.9	+1.7	64.5	+1.5	4.9	+1.6
JUNE	73.8	2.6	76.7	+4.1	75.1	+3.7	75.4	+3.6
JULY	78.8	+3.1	81.4	+4.4	79.3	+3.4	79.9	+3.7
AUGUST	74.4	-0.1	77.4	+1.6	75.6	+0.8	76.0	+0.9
SEPTEMBER	68.3	-0.5	71.3	+1.7	70.8	+2.2	70.6	+1.8
OCTOBER	51.9	-4.5	55.1	-3.5	54.8	-2.8	54.4	-3.3
NOVEMBER	47.9	+2.1	52.2	+4.0	51.2	+3.4	51.0	+3.4
DECEMBER	38.7	+3.0	42.2	+3.8	41.7	+3.5	41.1	+3.5
ANNUAL TOTAL	54.9	--	57.6	--	56.4	--	56.6	
DEPARTURE FROM NORMAL		+0.8		+2.1		+1.0		+1.1

AVERAGE MONTHLY AND ANNUAL PRECIPITATION BY COUNTY AND STATE 1987
DELAWARE

MONTH	NEW CASTLE		KENT		SUSSEX		STATE	
	TOTAL PRECIP.	DEPARTURE FR. NORMAL	TOTAL PRECIP.	DEPARTURE FR. NORMAL	TOTAL PRECIP.	DEPARTURE FR. NORMAL	AVERAGE PRECIP.	DEPARTURE FR. NORMAL
JANUARY	4.99	+1.86	5.75	+2.51	4.81	+1.38	5.14	+1.82
FEBRUARY	1.37	-1.50	1.20	-1.66	1.91	-1.32	1.60	-1.46
MARCH	1.68	-2.09	2.42	-1.45	3.77	-0.02	3.01	-0.80
APRIL	3.24	-0.30	3.85	+0.64	3.27	-0.10	3.45	+0.10
MAY	3.77	+0.41	4.44	+0.94	3.26	-0.24	3.72	+0.24
JUNE	2.21	-1.48	1.43	-2.18	2.29	-1.80	2.00	-1.87
JULY	3.59	-0.41	2.79	-1.48	1.80	-3.27	2.40	-2.25
AUGUST	2.43	-1.74	2.14	-2.98	1.70	-2.71	1.95	-2.65
SEPTEMBER	5.96	+2.37	4.24	+0.10	1.86	-1.65	3.26	-0.46
OCTOBER	2.26	-0.91	2.34	-1.22	3.25	-0.05	2.80	-0.51
NOVEMBER	4.04	+0.66	2.93	-0.60	2.79	-0.31	3.03	-0.25
DECEMBER	2.25	-1.30	2.67	-0.86	3.26	-0.28	2.91	-0.63
ANNUAL TOTAL	37.79	---	36.20	---	33.97	---	35.27	
DEPARTURE FROM NORMAL		-4.43		-8.24		-10.37		-8.72

AVERAGE MONTHLY AND ANNUAL PRECIPITATION BY COUNTY AND STATE WITH DEPARTURES 1986
DELAWARE

MONTH	NEW CASTLE		KENT		SUSSEX		STATE	
	TOTAL PRECIP.	DEPARTURE FR. NORMAL	TOTAL PRECIP.	DEPARTURE FR. NORMAL	TOTAL PRECIP.	DEPARTURE FR. NORMAL	AVERAGE PRECIP.	DEPARTURE FR. NORMAL
JANUARY	4.61	+1.48	3.84	+0.60	4.03	+0.60	4.06	+0.74
FEBRUARY	3.49	+0.62	3.46	+0.60	3.20	-0.03	3.33	+0.27
MARCH	1.38	-2.39	2.29	-1.58	1.29	-2.50	1.63	-2.18
APRIL	3.20	-0.34	2.09	-1.12	2.09	-1.28	2.26	-1.09
MAY	1.49	-1.87	1.20	-2.30	0.85	-2.65	1.06	-2.42
JUNE	3.22	-0.47	2.39	-1.22	2.52	-1.57	2.59	-1.28
JULY	3.86	-0.14	1.32	-2.45	2.71	-2.36	2.60	-2.05
AUGUST	3.41	-0.76	3.94	-1.18	4.74	+0.33	4.28	-0.32
SEPTEMBER	1.97	-1.62	1.73	-2.41	0.58	-2.93	1.16	-2.56
OCTOBER	3.71	+0.54	2.45	-1.11	2.66	-0.54	2.76	-0.55
NOVEMBER	6.33	+2.95	5.46	+1.93	4.21	+1.11	4.94	+1.66
DECEMBER	6.67	+3.12	6.66	+3.13	6.58	+3.04	6.62	+3.08
ANNUAL TOTAL	43.34	---	37.33	---	35.46	---	37.29	
DEPARTURE FROM NORMAL		+1.12		-7.11		-8.78		-6.70

FARM NUMBERS AND ACREAGE, 1950-1987

YEAR	DELAWARE			UNITED STATES		
	NUMBER OF FARMS	AVERAGE ACRES PER FARM	TOTAL LAND IN FARMS	NUMBER OF FARMS 1/	AVERAGE ACRES PER FARM	TOTAL LAND IN FARMS
			Thous. Acres	Thous. Farms		Million Acres
1950	8,300	109	904	5,648	213	1,202
1960	5,600	143	800	3,963	297	1,176
1970	3,900	183	715	2,949	374	1,102
1975	3,700	186	690	2,521	420	1,059
1976	3,600	189	680	2,497	422	1,054
1977	3,500	191	670	2,456	427	1,048
1978	3,500	190	665	2,436	429	1,045
1979	3,600	183	660	2,432	428	1,042
1980	3,500	186	650	2,433	427	1,039
1981	3,500	186	650	2,434	425	1,034
1982	3,500	189	660	2,401	428	1,028
1983	3,500	186	650	2,370	432	1,024
1984	3,600	183	660	2,328	438	1,019
1985	3,500	186	650	2,275	446	1,014
1986	3,200	200	640	2,212	455	1,008
1987	3,100	203	630	2,173	461	1,002

1/ Prior to 1975 a farm was considered any place with less than 10 acres having sales of $250 or more or places of 10 acres or more with $50 of sales. Beginning in 1975 the definition of a farm is a place that sells or normally would sell $1,000 of agricultural produce.

REAL ESTATE VALUE, DELAWARE 1975-1988

YEAR	VALUE OF LAND AND BUILDINGS		TOTAL VALUE OF FARM BUILDINGS	AVERAGE VALUE PER OPERATING UNIT
	TOTAL	AVERAGE PER ACRE		
	Million Dollars	Dollars	Million Dollars	Dollars
1975	670	971	110	181,100
1976	758	1,114	123	210,500
1977	837	1,250	151	239,200
1978	898	1,350	163	256,600
1979	990	1,500	182	275,000
1980	1,141	1,798	211	326,000
1981	1,198	1,928	219	342,300
1982	1,179	1,787	214	337,000
1983	1,189	1,829	213	338,700
1984	1,231	1,866	218	342,000
1985	1,067	1,642	188	304,943
1986	1,124	1,757	186	351,388
1987	1,118	1,775	193	360,626
1988	1,194	1,895	204	385,077

CASH RENTS FOR SPECIFIED CATEGORIES, DELAWARE 1981-1988

ITEM	1981	1982	1983	1984	1985	1986	1987	1988
				Dollars Per Acre				
ALL FARMS	57.10	57.50	57.30	66.22	63.30	64.00	59.50	55.20
CROP LAND	59.30	60.50	59.10	66.90	66.80	64.50	61.40	51.70

CROPS

GENERAL

Calendar year 1987 saw temperatures average near normal with temperatures well above normal from May through September and November and December and below normal for the remaining months. The fall of 1986, when the small grain for the 1987 crop was planted, was warm and dry except November and December of 1986 were wetter than normal. The 1986 corn and soybean harvest ended on schedule enabling small grain planting to begin ahead of schedule. Planting slowed in September and October due to dry conditions. November rains enabled farmers to end planting of small grains on schedule. Temperatures were near normal for the winter of 1986-87. (December 1986 - March 1987) with precipitation nearly one inch above normal. Temperatures were 1 to 3 degrees above normal from May through September 1987 with precipitation below normal from February through October of 1987. The hot, dry summer took its toll on corn and soybean yields.

CORN

Corn for grain production in Delaware totaled 10.80 million bushels for 1987, down 23 percent from the 14.03 million bushels produced in 1986 and 43 percent below the record 19.08 million bushels produced in 1985. Corn for grain yield averaged 73 bushels per acre, 10 bushels below last year's 83 bushel average, and 37 bushels below the record 110 bushel average of 1984. The acres of corn that were harvested for grain at 148,000 acres was down 12 percent from last year's 169,000 acres harvested. Corn silage production for 1987 totaled 126,000 tons, up 27 percent from last year's 99,000 ton production. Increased silage acres harvested to a record tying 14,000 acres more than offset the decline in yield from 1986 to 9 tons per acre. There was also 14,000 acres of corn silage harvested in 1977.

SOYBEANS

Delaware soybean growers produced 4.23 million bushels of beans in 1987, 27 percent below 1986's 5.76 million bushel production and 49 percent below the record 8.25 million bushel production in 1979. Soybeans averaged 18 bushels per acre, 6 bushels below 1986's 24 bushel averaged, 12 bushels below the record 30 bushel average for the 1979 and 1985 crops, and the lowest yielding crop since the 12 bushel average in 1966. Harvest area of soybeans at 235,000 acres is 5,000 acres, 2 percent below last year's 240,000 acres harvested.

SMALL GRAINS

Small grains fared reasonably well in 1987 in spite of the wet winter and dry weather through harvest. Barley yielded a record 62 bushels per acre, 1 bushel above the previous record 61 bushel average set in 1986. Barley production for 1987 totaled 3.22 million bushels, up 6 percent from the 3.05 million bushels produced in 1986, but 2 percent below the record production of 3.31 million bushel production for 1985. Winter wheat production at 2.02 million bushels is 32 percent above 1986's production of 1.53 million bushels. The 1987 wheat crop yielded an average 42 bushels per acre, 3 bushels better than 1986's 45 bushel average but 6 bushels below the record yielding 48 bushel average for the 1985 crop. Wheat was harvested from 48,000 acres in 1987, 14,000 acres more than in 1986. Rye production for 1987 totaled 99,000 bushels, 27 percent below 1986's 136,000 bushel production. The 1987 rye crop averaged 33 bushels per acre, 1 bushel below 1986's 34 bushel average yield and 2 bushels below the record 35 bushel average for the 1981 and 1985 crops. Rye for grain was harvest from 3,000 acres in 1987.

CROPS: ACREAGE, YIELD, PRODUCTION AND VALUE, DELAWARE, 1981-1987

CROP	YEAR	ACREAGE		UNIT	PRODUCTION		SEASON AVERAGE PRICE	VALUE OF PRODUCTION
		PLANTED	HARVESTED		PER ACRE	TOTAL		
		Thous. Acres				Thous.	Dollars Per Unit	Thous. Dollars
CORN, ALL	1981	196	194	Bu	--	--	--	--
	1982	188	188	Bu	--	--	--	--
	1983	155	154	Bu	--	--	--	--
	1984	160	159	Bu	--	--	--	--
	1985	185	184	Bu	--	--	--	--
	1986	180	N/A	Bu	--	--	--	--
	1987	165	N/A	Bu	--	--	--	--
CORN, FOR GRAIN	1981	--	181	Bu	85.0	15,385	2.65	40,770
	1982	--	177	Bu	102.0	18,054	2.56	46,218
	1983	--	145	Bu	75.0	10,875	3.76	40,890
	1984	--	150	Bu	113.0	16,950	2.95	50,003
	1985	--	175	Bu	109.0	19,075	2.45	46,734
	1986	--	169	Bu	83.0	14,027	1.77	24,828
	1987	--	148	Bu	73.0	10,804	1.95	21,068
CORN, SILAGE	1981	--	12	Tons	12.2	146	23.00	3,358
	1982	--	10	Tons	15.0	150	24.50	1,838
	1983	--	8	Tons	14.0	112	26.50	1,855
	1984	--	8	Tons	16.0	128	21.00	2,688
	1985	--	7	Tons	15.0	105	16.00	1,680
	1986	--	9	Tons	11.0	99	--	--
	1987	--	14	Tons	9.01	26	--	--
WHEAT, WINTER	1981	50	48	Bu	40.0	1,920	3.20	6,144
	1982	59	58	Bu	40.0	2,320	3.00	6,960
	1983	55	54	Bu	39.0	2,106	3.41	7,181
	1984	50	49	Bu	41.0	2,009	3.30	6,630
	1985	45	43	Bu	48.0	2,064	2.88	5,944
	1986	40	34	Bu	45.0	1,530	2.44	3,733
	1987	50	48	Bu	42.0	2,016	2.45	4,939
SOYBEANS	1981	260	255	Bu	27.0	6,885	6.25	43,031
	1982	275	270	Bu	24.0	6,480	5.65	36,612
	1983	255	250	Bu	29.0	7,250	7.86	56,985
	1984	260	250	Bu	24.0	6,000	5.87	35,220
	1985	245	240	Bu	30.0	7,200	5.00	36,000
	1986	245	240	Bu	24.0	5,760	4.84	27,878
	1987	240	235	Bu	18.0	4,230	5.40	22,842
BARLEY	1981	40	33	Bu	52.0	1,716	2.00	3,432
	1982	44	38	Bu	57.0	2,166	1.80	3,899
	1983	61	53	Bu	55.0	2,915	1.95	5,684
	1984	55	50	Bu	55.0	2,750	2.15	5,913
	1985	63	57	Bu	58.0	3,306	1.45	4,794
	1986	55	50	Bu	61.0	3,050	1.35	4,118
	1987	55	52	Bu	62.0	3,224	1.15	3,708
RYE	1981	30	3	Bu	35.0	105	3.35	352
	1982	32	4	Bu	34.0	136	3.10	422
	1983	30	4	Bu	34.0	136	2.52	343
	1984	29	4	Bu	31.0	124	2.12	263
	1985	29	3	Bu	35.0	105	2.10	221
	1986	30	4	Bu	34.0	136	1.62	220
	1987	20	3	Bu	33.0	99	1.70	168

CROPS: ACREAGE, YIELD, PRODUCTION AND VALUE, DELAWARE, 1981-1987

CROP	YEAR	ACREAGE		UNIT	PRODUCTION		SEASON AVERAGE PRICE	VALUE OF PRODUCTION
		PLANTED	HARVESTED		PER ACRE	TOTAL		
		Thous. Acres				Thous.	Dollars Per Unit	Thous. Dollars
POTATOES	1981	5.3	5.2	Cwt	240	1,248	9.30	11,606
	1982	5.4	5.4	Cwt	290	1,566	4.80	7,517
	1983	5.4	5.4	Cwt	185	999	10.70	10,689
	1984	5.5	5.5	Cwt	230	1,265	11.20	14,168
	1985	6.5	6.5	Cwt	280	1,820	3.90	7,098
	1986	7.0	6.9	Cwt	190	1,311	6.50	8,522
	1987	8.0	8.0	Cwt	210	1,680	7.00	11,760
HAY, ALL	1981	--	17	Tons	2.65	45	72.50	3,263
	1982	--	19	Tons	2.63	50	90.00	4,500
	1983	--	20	Tons	2.50	50	107.00	5,350
	1984	--	21	Tons	2.67	56	94.00	5,264
	1985	--	22	Tons	2.68	59	84.00	4,956
	1986	--	23	Tons	2.17	50	118.00	5,900
	1987	--	23	Tons	2.26	52	99.00	5,148
HAY, ALFALFA	1981	--	7	Tons	3.80	27	--	--
	1982	--	7	Tons	3.80	27	--	--
	1983	--	7	Tons	3.40	24	--	--
	1984	--	7	Tons	3.70	26	--	--
	1985	--	7	Tons	3.90	27	--	--
	1986	--	7	Tons	3.00	21	--	--
	1987	--	9	Tons	2.75	25	--	--
HAY, ALL OTHER	1981	--	10	Tons	1.80	18	--	--
	1982	--	12	Tons	1.90	23	--	--
	1983	--	13	Tons	2.00	26	--	--
	1984	--	14	Tons	2.15	30	--	--
	1985	--	15	Tons	2.10	32	--	--
	1986	--	16	Tons	1.80	29	--	--
	1987	--	14	Tons	1.95	27	--	--
APPLES 1/ 2/	1981	--	--	Lbs	--	13,100	.141	1,841
	1982	--	--	Lbs	--	14,500	.098	1,423
	1983	--	--	Lbs	--	19,000	.086	1,642
	1984	--	--	Lbs	--	24,000	.092	2,154
	1985	--	--	Lbs	--	19,000	.087	1,656
	1986	--	--	Lbs	--	27,000	.091	2,456
	1987	--	--	Lbs	--	26,000	.106	2,768
PEACHES 1/	1981	--	--	Lbs	--	1,600	.188	301
	1982	--	--	Lbs	--	1,700	.215	366
	1983	--	--	Lbs	--	2,000	.201	402
	1984	--	--	Lbs	--	2,000	.220	352
	1985	--	--	Lbs	--	1,200	.262	314
	1986	--	--	Lbs	--	2,700	.185	500
	1987	--	--	Lbs	--	900	.189	170

1/ Production and value are for utilized production.
2/ Pre-1983 data was not open for revision.

CROPS: ACREAGE, YIELD, PRODUCTION AND VALUE,
UNITED STATES, 1982-1987

CROP	YEAR	ACREAGE		UNIT	PRODUCTION		SEASON AVERAGE PRICE	VALUE OF PRODUCTION
		PLANTED	HARVESTED		PER ACRE	TOTAL		
		Thous. Acres.				Thous.	Dollars Per Unit	Thous. Dollars
CORN, all	1982	81,857	81,278	--	--	--	--	--
	1983	60,217	59,597	--	--	--	--	--
	1984	80,543	79,786	--	--	--	--	--
	1985	83,448	82,591	--	--	--	--	--
	1986	76,674	N/A	--	--	--	--	--
	1987	65,706	N/A	--	--	--	--	--
CORN, for grain	1982	--	72,719	Bu	113.2	8,235,101	2.68	22,039,409
	1983	--	51,483	Bu	81.1	4,174,678	3.25	13,534,930
	1984	--	71,915	Bu	106.7	7,674,020	2.62	20,084,595
	1985	--	75,224	Bu	118.0	8,876,706	2.23	19,521,975
	1986	--	69,159	Bu	119.3	8,249,864	1.50	12,541,426
	1987	--	59,167	Bu	119.4	7,064,143	1.69	12,129,690
CORN, silage	1982	--	8,252	Ton	14.3	117,782	--	--
	1983	--	7,814	Ton	12.3	96,347	--	--
	1984	--	7,541	Ton	13.9	104,590	--	--
	1985	--	7,160	Ton	14.4	102,753	--	--
	1986	--	6,274	Ton	14.1	88,660	--	--
	1987	--	5,872	Ton	14.6	85,586	--	--
WHEAT, winter	1982	65,516	57,633	Bu	36.0	2,073,560	3.50	7,248,918
	1983	62,105	47,584	Bu	41.8	1,988,304	3.48	6,910,125
	1984	63,419	51,513	Bu	40.0	2,060,266	3.33	6,861,900
	1985	57,752	47,953	Bu	38.1	1,827,615	2.98	5,429,571
	1986	53,965	43,205	Bu	35.2	1,521,498	2.23	3,583,338
	1987	48,781	39,317	Bu	39.8	1,562,896	2.47	3,886,297
OATS	1982	13,951	10,258	Bu	57.8	592,630	1.49	884,153
	1983	20,289	9,072	Bu	52.6	476,961	1.67	794,520
	1984	12,414	8,163	Bu	58.0	473,661	1.69	797,854
	1985	13,255	8,177	Bu	63.7	520,800	1.23	644,765
	1986	14,691	6,860	Bu	56.3	386,356	1.21	470,625
	1987	17,959	6,925	Bu	54.0	373,765	1.56	581,382
SOYBEANS	1982	70,884	69,442	Bu	31.5	2,190,297	5.69	12,462,779
	1983	63,779	62,525	Bu	26.2	1,635,772	7.81	12,774,974
	1984	67,755	66,113	Bu	28.1	1,860,863	5.78	10,748,050
	1985	63,130	61,584	Bu	34.1	2,098,531	5.05	10,581,042
	1986	60,385	58,292	Bu	33.3	1,940,101	4.78	9,262,746
	1987	57,415	56,437	Bu	33.7	1,904,712	5.43	10,364,516
BARLEY	1982	9,549	9,013	Bu	57.2	515,935	2.22	1,143,209
	1983	10,422	9,731	Bu	52.3	508,925	2.50	1,268,906
	1984	11,957	11,231	Bu	53.4	599,204	2.26	1,356,316
	1985	13,156	11,603	Bu	51.0	591,383	1.98	1,132,537
	1986	13,059	12,007	Bu	50.8	610,522	1.61	993,905
	1987	11,046	10,027	Bu	52.6	527,010	1.86	935,163
RYE	1982	2,533	677	Bu	28.9	19,533	2.39	47,460
	1983	2,707	896	Bu	30.3	27,116	2.17	60,074
	1984	2,971	981	Bu	33.1	32,463	2.08	68,828
	1985	2,563	717	Bu	28.8	20,637	2.03	41,902
	1986	2,384	677	Bu	28.8	19,522	1.49	29,159
	1987	2,498	683	Bu	28.9	19,718	1.48	28,891

NA Not Applicable.

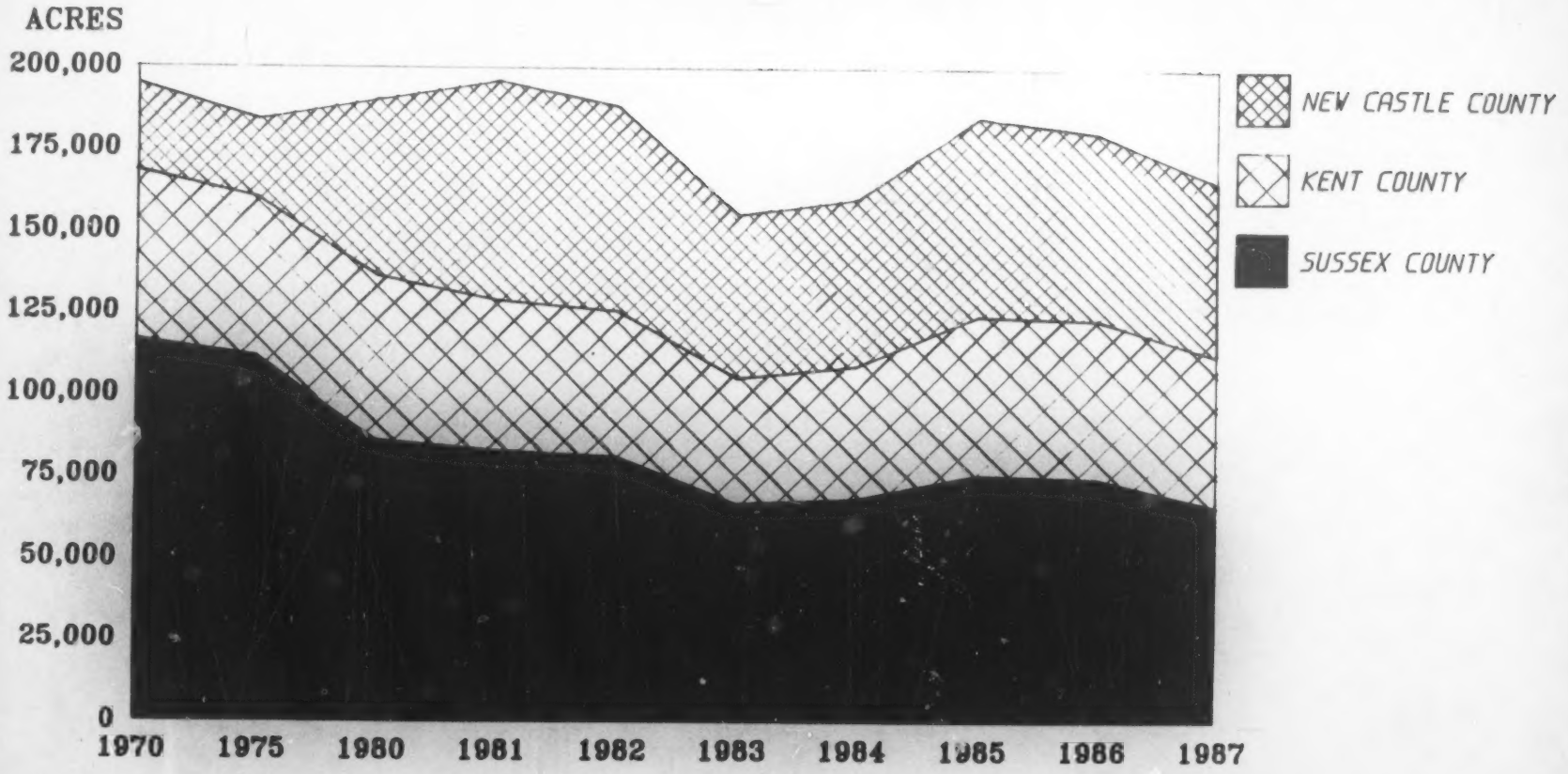
CROPS: ACREAGE, YIELD, PRODUCTION AND VALUE, UNITED STATES, 1982-1987...CONTINUED

CROP	YEAR	ACREAGE		UNIT	PRODUCTION		SEASON AVERAGE PRICE	VALUE OF PRODUCTION
		PLANTED	HARVESTED		PER ACRE	TOTAL		
		Thous. Acres				Thous.	Dollars Per Unit	Thous. Dollars
POTATOES, SUMMER	1982	103.4	101.1	Cwt.	225	22,770	6.30	143,014
	1983	104.1	100.1	Cwt.	187	18,701	8.11	151,240
	1984	111.5	107.2	Cwt.	215	23,086	9.14	209,222
	1985	117.6	113.9	Cwt.	244	27,794	4.86	135,021
	1986	102.2	95.2	Cwt.	220	20,927	N/A	N/A
	1987	102.3	99.4	Cwt.	229	22,775	N/A	N/A
SWEET POTATOES	1982	118.7	115.4	Cwt.	129	14,833	8.03	119,108
	1983	105.3	102.4	Cwt.	118	12,083	13.60	164,328
	1984	106.4	103.5	Cwt.	125	12,986	14.00	182,191
	1985	110.2	105.3	Cwt.	141	14,853	8.81	130,450
	1986	97.1	93.4	Cwt.	136	12,674	10.90	138,551
	1987	96.7	93.3	Cwt.	130	12,103	13.20	159,721
HAY, ALL	1982	--	59,812	Tons	2.50	149,241	69.30	9,529,516
	1983	--	59,717	Tons	2.36	140,764	75.80	9,967,208
	1984	--	61,445	Tons	2.45	150,648	72.70	10,203,921
	1985	--	60,423	Tons	2.46	148,601	67.60	9,437,282
	1986	--	62,419	Tons	2.49	155,529	59.70	8,610,996
	1987	--	60,748	Tons	2.46	149,142	66.40	9,103,346
HAY, ALFALFA	1982	--	26,188	Tons	3.38	88,385	--	---
	1983	--	25,710	Tons	3.20	82,212	--	---
	1984	--	26,799	Tons	3.36	90,015	--	---
	1985	--	25,608	Tons	3.32	85,048	--	---
	1986	--	26,793	Tons	3.42	91,552	--	---
	1987	--	25,485	Tons	3.32	84,554	--	---
HAY, ALL OTHER	1982	--	33,624	Tons	1.81	60,856	--	---
	1983	--	34,007	Tons	1.72	58,552	--	---
	1984	--	34,646	Tons	1.75	60,543	--	---
	1985	--	34,815	Tons	1.83	63,553	--	---
	1986	--	35,626	Tons	1.80	63,977	--	---
	1987	--	35,263	Tons	1.83	64,588	--	---
VEGETABLES 1/	1982	2,278	2,190	Tons	--	21,540	--	3,553,146
	1983	2,217	2,135	Tons	--	20,166	--	3,655,198
	1984	2,548	2,246	Tons	--	22,870	--	4,222,115
	1985	2,559	2,467	Tons	--	23,369	--	4,128,736
	1986	2,424	2,313	Tons	--	22,430	--	4,142,819
	1987	2,514	2,414	Tons	--	23,194	--	4,370,496
APPLES 2/	1982	--	--	Lbs.	--	8,110,200	.100	809,004
	1983	--	--	Lbs.	--	8,352,400	.105	879,036
	1984	--	--	Lbs.	--	8,333,000	.112	927,622
	1985	--	--	Lbs.	--	7,923,500	.117	916,533
	1986	--	--	Lbs.	--	7,933,000	.134	1,059,119
	1987	--	--	Lbs.	--	9,944,400	.095	919,060
PEACHES 2/	1982	--	--	Lbs.	--	2,101,900	14.4	302,550
	1983	--	--	Lbs.	--	1,753,800	14.8	259,801
	1984	--	--	Lbs.	--	2,659,300	13.0	320,671
	1985	--	--	Lbs.	--	2,147,300	15.0	307,338
	1986	--	--	Lbs.	--	2,328,400	14.6	327,155
	1987	--	--	Lbs.	--	2,428,800	14.2	326,087

1/ Commercial crops for fresh market and processing combined. Years are not comparable because of changes in estimating program.
2/ Production and value are for utilized production.

DELAWARE CORN

Acres Planted
1970 – 1987



CORN: ACREAGE, YIELD AND PRODUCTION BY COUNTIES, DELAWARE: 1981-1987

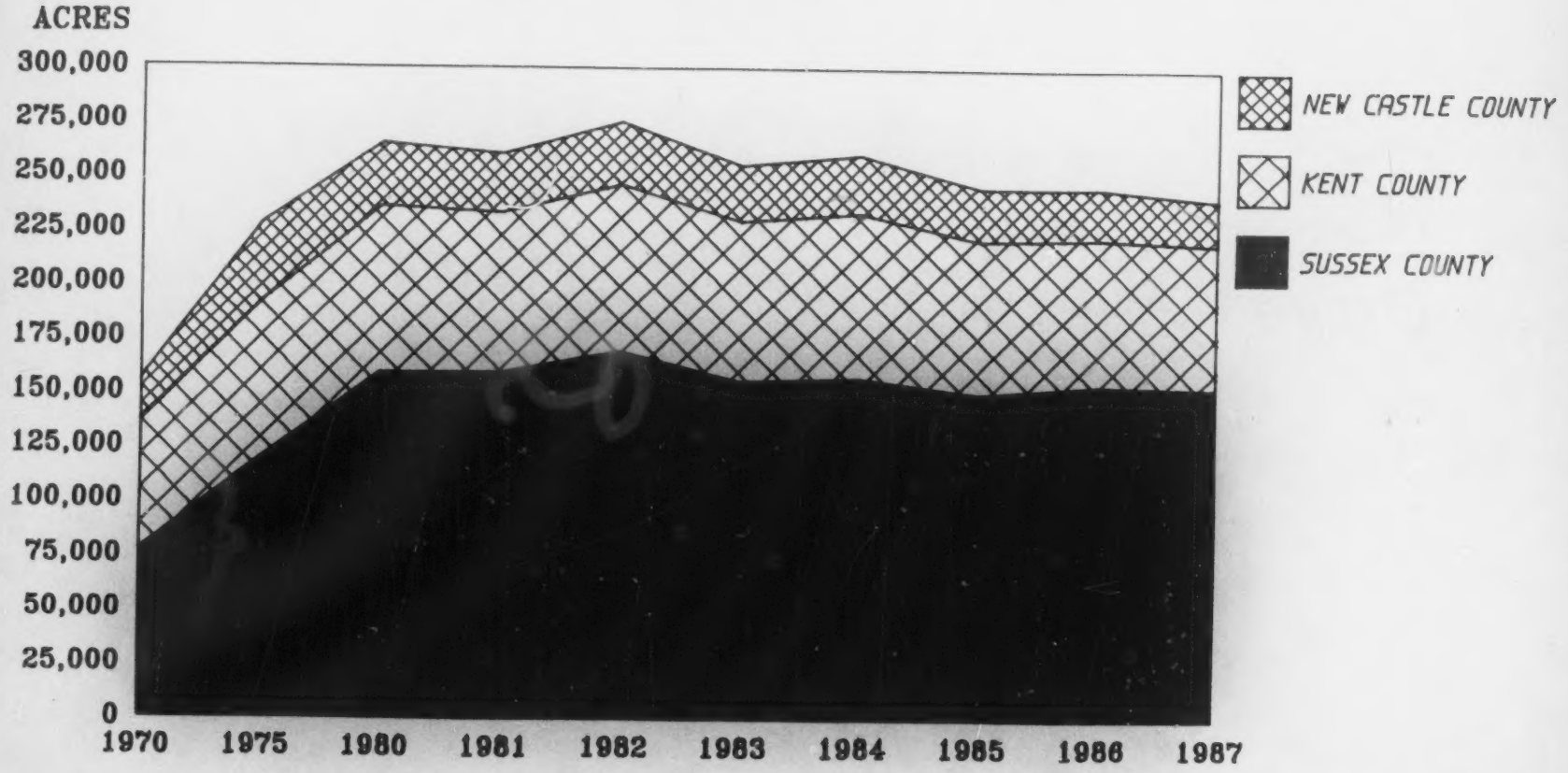
COUNTY	YEAR	ACRES		AVERAGE YIELD PER ACRE	PRODUCTION
		PLANTED	HARVESTED		
		Acres		Bushels	
NEW CASTLE	1981	67,400	62,000	103.0	6,385,000
	1982	62,600	62,000	101.0	6,262,000
	1983	50,000	45,000	68.0	3,060,000
	1984	51,200	47,000	117.0	5,501,000
	1985	61,000	56,000	120.0	6,720,000
	1986	57,000	54,000	101.0	5,445,000
	1987	53,000	49,000	73.0	3,577,000
KENT	1981	46,500	44,000	90.0	3,960,000
	1982	44,900	44,500	105.0	4,672,500
	1983	38,800	37,000	76.0	2,812,000
	1984	41,000	38,900	118.0	4,590,000
	1985	49,000	46,000	110.0	5,055,000
	1986	49,000	44,700	82.0	3,665,000
	1987	46,500	40,000	81.9	3,274,000
SUSSEX	1981	82,100	75,000	67.2	5,040,000
	1982	80,500	70,500	101.0	7,119,500
	1983	66,200	63,000	79.4	5,003,000
	1984	67,800	64,100	107.0	6,859,000
	1985	75,000	73,000	100.0	7,300,000
	1986	74,000	70,300	70.0	4,917,000
	1987	65,500	59,000	67.0	3,953,000

CORN FOR SILAGE: ACREAGE, YIELD AND PRODUCTION BY COUNTIES, DELAWARE: 1981-1987

COUNTY	YEAR	HARVESTED	AVERAGE YIELD PER ACRE	PRODUCTION
		Acres	Tons	Tons
NEW CASTLE	1981	5,000	14.0	70,000
	1982	4,000	13.0	52,000
	1983	4,100	13.0	53,300
	1984	3,400	16.5	56,000
	1985	2,900	18.0	51,500
	1986	2,600	13.6	35,400
	1987	3,000	13.0	39,000
KENT	1981	1,800	12.0	21,600
	1982	1,300	15.0	19,500
	1983	1,300	15.0	19,500
	1984	1,600	15.0	24,000
	1985	2,600	14.0	35,800
	1986	3,400	9.0	30,600
	1987	5,500	6.8	37,500
SUSSEX	1981	5,200	10.5	54,400
	1982	4,700	16.7	78,500
	1983	2,600	15.1	39,200
	1984	3,000	16.0	48,000
	1985	1,500	12.0	17,700
	1986	3,000	11.0	33,000
	1987	5,500	9.0	49,500

DELAWARE SOYBEANS

Acres Planted
1970 – 1987



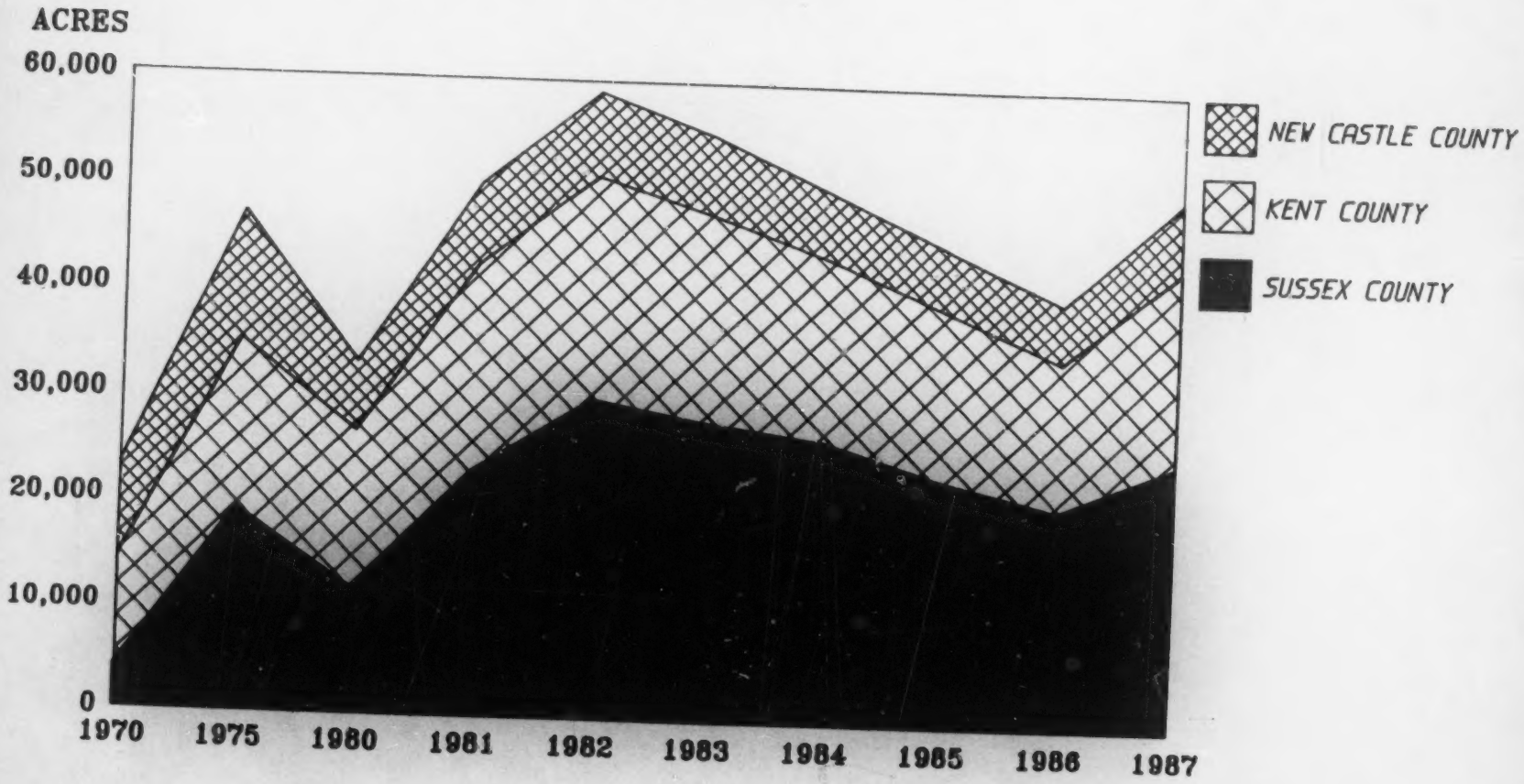
* 1970 figures are acres harvested

SOYBEANS: ACREAGE, YIELD AND PRODUCTION BY COUNTIES
DELAWARE: 1970, 1975, 1978-1987

COUNTY	YEAR	ACRES		AVERAGE YIELD PER ACRE	PRODUCTION
		PLANTED	HARVESTED		
		Acres			Bushels
NEW CASTLE	1970	--	19,000	22.8	434,000
	1975	36,500	36,000	27.0	972,000
	1978	31,700	31,000	29.0	889,000
	1979	38,200	37,700	30.0	1,131,000
	1980	29,200	28,000	22.0	616,000
	1981	27,000	26,700	32.0	855,000
	1982	29,000	28,000	28.0	784,000
	1983	25,600	25,100	25.0	627,500
	1984	26,700	25,200	28.0	705,600
	1985	24,000	23,000	33.0	760,000
	1986	23,000	22,000	27.0	594,000
	1987	20,000	19,000	26.0	494,000
KENT	1970	--	60,000	21.9	1,312,000
	1975	72,500	72,000	25.0	1,800,000
	1978	78,500	76,800	29.0	2,227,200
	1979	84,500	82,800	30.0	2,484,000
	1980	76,900	76,100	23.0	1,750,300
	1981	74,000	72,300	26.0	1,880,000
	1982	77,000	75,500	22.0	1,661,000
	1983	73,900	72,400	31.0	2,244,400
	1984	76,100	72,300	29.0	2,096,700
	1985	71,000	70,000	31.0	2,170,000
	1986	68,000	66,000	23.0	1,518,000
	1987	67,000	65,000	18.0	1,170,000
SUSSEX	1970	--	77,000	19.9	1,530,000
	1975	119,000	117,000	24.0	2,853,000
	1978	154,800	152,200	29.0	4,413,800
	1979	157,300	154,500	30.0	4,635,000
	1980	158,900	155,900	18.0	2,833,700
	1981	159,000	156,000	26.6	4,150,000
	1982	169,000	166,500	24.2	4,035,000
	1983	155,500	152,500	28.7	4,378,100
	1984	157,200	152,500	21.0	3,197,700
	1985	150,000	147,000	29.0	4,270,000
	1986	154,000	152,000	24.0	3,648,000
	1987	153,000	151,000	17.0	2,566,000

DELAWARE WHEAT

Acres Planted
1970 - 1987

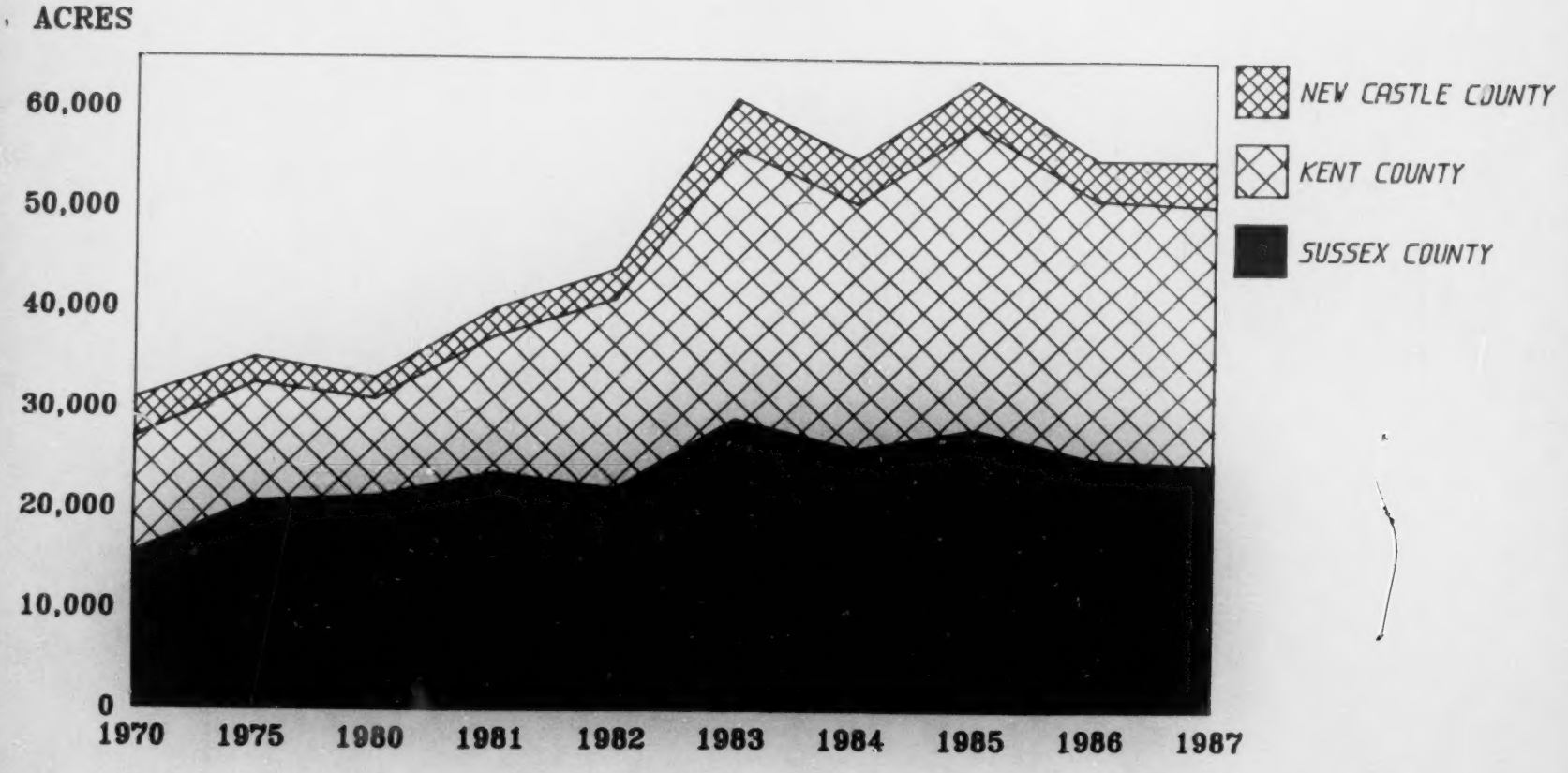


WHEAT: ACREAGE, YIELD AND PRODUCTION BY COUNTIES, DELAWARE: 1970, 1975, 1978-1987

COUNTY	YEAR	ACRES		AVERAGE YIELD PER ACRE	PRODUCTION
		PLANTED	HARVESTED		
		Acres			Bushels
NEW CASTLE	1970	8,700	8,300	42.0	349,000
	1975	12,000	11,500	36.0	409,000
	1978	4,100	3,500	38.0	133,000
	1979	5,000	5,000	35.0	174,000
	1980	6,500	5,600	41.0	231,000
	1981	7,500	7,000	39.0	273,000
	1982	8,000	7,800	39.0	304,200
	1983	7,400	7,200	41.7	300,200
	1984	6,200	6,100	44.0	268,400
	1985	5,800	5,700	51.0	291,000
	1986	5,500	4,900	54.5	267,000
	1987	6,500	6,200	43.0	267,000
KENT	1970	10,400	9,000	41.1	370,000
	1975	16,000	15,000	34.0	510,000
	1978	8,300	7,700	33.0	257,000
	1979	10,000	9,000	33.0	296,000
	1980	14,700	11,800	40.0	473,000
	1981	19,500	18,800	39.2	737,000
	1982	21,000	20,700	38.0	786,600
	1983	19,600	19,400	38.0	737,200
	1984	17,300	16,900	39.0	659,100
	1985	16,100	15,300	50.0	765,000
	1986	14,000	11,700	44.0	515,000
	1987	18,000	16,700	43.0	718,000
SUSSEX	1970	3,900	3,700	44.1	163,000
	1975	19,000	18,500	33.0	611,000
	1978	11,600	5,800	35.0	205,000
	1979	7,000	7,000	35.0	244,000
	1980	11,800	9,600	39.0	376,000
	1981	23,000	22,200	41.0	910,000
	1982	30,000	29,500	41.7	1,229,200
	1983	28,000	27,400	39.0	1,068,600
	1984	26,500	26,000	41.6	1,081,500
	1985	23,100	22,000	46.0	1,008,000
	1986	20,500	17,400	43.0	748,000
	1987	25,500	25,100	41.0	1,031,000

DELAWARE BARLEY

Acres Planted
1970 – 1987



BARLEY: ACREAGE, YIELD AND PRODUCTION BY COUNTIES,
DELAWARE: 1970, 1975, 1977-1987

COUNTY	YEAR	ACRES		AVERAGE YIELD PER ACRE	PRODUCTION
		PLANTED	HARVESTED		
		Acres		Bushels	
NEW CASTLE	1970	4,000	3,800	51.0	194,000
	1975	2,500	2,000	46.0	92,000
	1977	2,000	1,500	50.0	75,000
	1978	2,000	1,500	50.0	75,000
	1979	2,000	1,800	48.0	86,400
	1980	2,100	1,900	50.0	95,000
	1981	2,800	2,500	52.0	130,000
	1982	3,000	2,600	60.0	156,000
	1983	5,000	4,000	57.0	228,000
	1984	4,400	4,200	57.0	239,400
	1985	4,500	4,300	61.0	262,000
	1986	4,000	3,600	62.0	223,000
	1987	4,500	4,000	63.0	252,000
KENT	1970	11,500	8,200	45.0	369,000
	1975	12,000	9,000	49.0	441,000
	1977	12,000	7,500	47.0	352,000
	1978	11,000	8,500	41.0	351,000
	1979	11,000	8,200	48.0	393,600
	1980	9,800	7,900	50.0	395,000
	1981	13,700	11,800	53.0	625,400
	1982	19,000	17,300	60.7	1,050,700
	1983	27,000	24,700	55.0	1,358,500
	1984	24,600	23,000	54.6	1,256,600
	1985	30,500	28,400	60.0	1,704,000
	1986	26,000	23,900	62.0	1,482,000
	1987	26,000	25,000	63.7	1,592,000
SUSSEX	1970	15,500	10,000	47.0	471,000
	1975	20,500	16,000	46.0	736,000
	1977	20,000	13,000	42.0	541,000
	1978	20,000	14,000	45.0	630,000
	1979	20,000	15,000	43.0	645,000
	1980	21,100	15,200	48.0	735,000
	1981	23,500	18,700	51.4	960,600
	1982	22,000	18,100	53.0	959,300
	1983	29,000	24,300	54.7	1,328,500
	1984	26,000	22,800	55.0	1,254,000
	1985	28,000	24,300	55.0	1,340,000
	1986	25,000	22,500	59.8	1,345,000
	1987	24,500	23,000	60.0	1,380,000

DELMARVA CROP PRODUCTION

ACREAGE, AVERAGE YIELD AND PRODUCTION, DELMARVA 1980 - 1987

CROP	YEAR	ACREAGE		PRODUCTION	
		PLANTED	HARVESTED	PER ACRE	TOTAL
		-------- Acres --------		----- Bushels ----	
CORN, GRAIN	1980	570,000	540,600	74.4	40,229,100
	1981	585,200	555,800	98.9	54,972,500
	1982	569,030	538,100	108.1	58,180,200
	1983	478,500	449,600	72.1	32,398,000
	1984	503,800	474,400	118.9	56,415,000
	1985	559,900	534,100	113.0	60,129,000
	1986	533,700	499,500	79.7	39,801,000
	1987	437,100	401,600	69.6	27,961,000
				------ Tons ------	
CORN, SILAGE 1/	1980	N/A	23,500	14.6	342,000
	1981	N/A	24,200	13.4	324,560
	1982	N/A	26,700	16.4	438,320
	1983	N/A	24,900	12.4	309,600
	1984	N/A	26,300	16.8	441,300
	1985	N/A	21,900	16.2	353,800
	1986	N/A	29,800	11.3	336,300
	1987	N/A	29,800	9.5	282,400
				----- Bushels -----	
SOYBEANS	1980	701,400	688,400	21.6	14,842,400
	1981	659,800	650,500	29.1	18,961,000
	1982	725,200	715,500	27.4	19,606,000
	1983	681,100	664,800	26.3	17,461,400
	1984	727,300	707,000	27.0	19,109,000
	1985	678,500	665,600	30.0	20,010,000
	1986	658,400	645,200	25.9	16,716,000
	1987	666,000	652,700	19.4	12,685,000
WHEAT	1980	104,400	95,700	39.7	3,800,700
	1981	169,400	165,300	43.3	7,156,700
	1982	185,400	180,200	43.2	7,780,800
	1983	182,400	172,900	41.8	7,228,000
	1984	167,100	162,950	43.7	7,123,800
	1985	156,300	150,300	49.5	7,453,000
	1986	159,000	143,700	47.0	6,700,000
	1987	187,600	181,900	48.0	8,736,000
BARLEY	1980	91,900	71,800	51.5	3,695,600
	1981	107,900	94,200	58.5	5,509,400
	1982	116,400	104,420	59.0	6,157,600
	1983	137,200	120,940	56.2	6,792,600
	1984	136,900	124,700	57.9	7,225,700
	1985	140,500	129,600	57.9	7,508,000
	1986	118,200	110,300	60.7	6,697,600
	1987	125,400	116,600	66.5	7,749,000

1/ Estimates are only for Delaware and Maryland Eastern Shore.

NA Not Available.

STOCKS OF GRAIN BY QUARTERS, DELAWARE 1985-1987

CROP & DATE	1985			1986			1987		
	ON FARM	OFF FARM	TOTAL	ON FARM	OFF FARM	TOTAL	ON FARM	OFF FARM	TOTAL
	Thous. Bushels								
CORN									
December 1	5,933	6,721	12,654	4,769	5,460	10,229	1/	8,896	1/
March 1	2,882	1/	1/	1/	5,420	1/	1/	8,050	1/
June 1	1,695	4,158	5,853	1/	4,004	1/	1/	4,144	1/
September 1 2/	339	1/	340	1/	1,526	1/	1/	3,073	1/
BARLEY									
September 1 3/	660	346	1,006	529	951	1,480	1/	362	1/
December 1 5/	440	1/	1/	149	227	376	1/	1/	1/
March 1	165	110	275	1/	1/	1/	1/	1/	1/
June 1	28	169	197	1/	77	1/	1/	263	1/
WHEAT									
September 1 3/	80	1,079	1,159	52	1,488	1,540	1/	1,215	1/
December 1 5/	60	464	524	1/	505	1/	1/	1/	1/
March 1	20	1/	1/	1/	60	1/	1/	1/	1/
June 1	4	47	51	1/	54	1/	1/	1/	1/
SOYBEANS									
December 1 5/	1,080	1/	1/	1/	1/	1/	1/	2,306	1/
March 1	660	1/	1/	1/	1/	1/	1/	4,174	1/
June 1	480	1/	1/	1/	1/	1/	1/	1/	1/
September 1	60	1/	1/	1/	1/	1/	1/	1/	1/
HAY									
December 1 4/	28	--	--	35	--	--	36	--	--
MAY 1	17	--	--	10	--	--	6	--	--

1/ Not published to avoid disclosure of individual operations.
2/ In 1984 and 1985 the reference date was October 1.
3/ October 1 of the previous year.
4/ 1985 reference January 1.
5/ 1985 reference date was January 1.

QUANTITY AND VALUE OF PRODUCTS FROM DELAWARE'S FORESTS BY DELAWARE COMPANIES IN 1985

CLASS	BOARD FEET OR CORDS	VALUE ($)
Loggers		Stumpage
Hardwood	17,804,000 BF	1,641,529
Softwood	6,423,000 BF	762,217
Firewood		Retail
Green	2,475 CORDS	170,383
Seasoned	6,524 CORDS	544,141

FRUIT: PRODUCTION AND VALUE, DELAWARE, 1980, 1983-1987

YEAR	TOTAL PRODUCTION	SEASON AVERAGE PRICE	VALUE OF UTILIZED PRODUCTION
	Million Pounds	Cents Per Pound	Thous. Dollars
		APPLES	
1980	13.5	8.7	1,177
1983	19.0	8.6	1,642
1984	24.0	9.2	2,154
1985	19.0	8.7	1,656
1986	27.0	9.1	2,456
1987	26.0	10.6	2,768
		PEACHES	
1980	1.4	11.8	165
1983	2.0	20.1	402
1984	2.0	22.0	352
1985	1.2	26.2	314
1986	2.7	18.5	500
1987	0.9	18.9	170

MUSHROOMS: AREA, PRODUCTION, PRICE AND VALUE, DELAWARE, 1970-1987
JULY 1 TO JUNE 30

YEAR	AREA IN PRODUCTION			PRODUCTION		PRICE PER POUND	VALUE OF PRODUCTION
	FIRST FILLING	SECOND FILLING	ADDITIONAL FILLING	TOTAL			
	Thous. Square Feet			Thous. Lbs.		Cents	Thous. Dollars
1970-71	1,014	815	188	2,017	5,395	42.4	2,290
1974-75	1,175	925	107	2,207	5,569	39.4	2,195
1975-76	1,174	1,012	118	2,304	5,941	56.5	3,356
1976-77	1,209	1,106	135	2,450	7,027	65.6	4,610
1977-78	1,225	1,147	173	2,545	6,511	67.4	4,389
1978-79	1,216	1,129	287	2,632	6,075	64.8	3,935
1979-80	1,295	1,293	210	2,798	6,738	60.2	4,053
1980-81	1,178	1,167	384	2,729	7,025	63.0	4,425
1981-82	965	949	250	2,164	5,546	64.1	3,557
1982-83	1,113	1,094	487	2,694	7,223	67.9	4,902
1983-84	1,073	943	483	2,499	7,289	71.9	5,239
1984-85	1,122	996	695	2,813	8,086	63.9	5,168
1985-86	925	936	882	2,743	7,785	63.4	4,934
1986-87	640	535	451	1,626	5,124	62.6	3,208

DELAWARE: FRESH MARKET VEGETABLES, MELONS, AND STRAWBERRIES
ACREAGE, AVERAGE YIELD, AND PRODUCTION, 1986 AND 1987

CROP	ACRES				AVERAGE YIELD		PRODUCTION	
	PLANTED		HARVESTED					
	1986	1987	1986	1987	1986	1987	1986	1987
					Cwt			Cwt
Sweet Corn	1,830	1,560	1,790	1,520	90	93	161,100	141,000
Watermelons	1,220	1,240	1,190	1,230	300	248	357,000	305,000
Cabbage	630	530	630	520	225	250	141,750	121,150
Spinach	230	210	230	210	55	53	12,650	11,200
Cantaloupes	220	225	210	215	125	124	26,250	26,750
Asparagus	300	320	300	320	15	14	4,500	4,600
Cauliflower	70	70	70	70	130	123	9,100	8,600
Tomatoes	3/	70	3/	70	3/	197	3/	13,800
Lima Beans	30	40	30	40	15	35	450	1,380
Turnips	20	20	20	20	92	102	1,840	2,040
Sweet Peppers	20	30	20	25	85	87	1,700	2,170
Green Peas	30	30	30	25	38	43	1,140	1,075
Potatoes 1/	7,000	8,000	6,900	8,000	190	210	1,311,000	1,680,000
Other Vegs. 2/	975	890	935	865	--	--	77,190	69,740
Strawberries	80	90	80	90	34	34	2,720	3,040
TOTAL	**12,655**	**13,325**	**12,435**	**13,220**	—	—	**2,108,390**	**2,391,545**

1/ Preliminary for 1987.
2/ Other vegetables include: Brussels sprouts, hot peppers, broccoli, pumpkins squash snap beans, sweet potatoes, greens, tomatoes, and cucumbers.
3/ Not published to avoid disclosure of individual operation.

VEGETABLES FOR PROCESSING
ACREAGE, AVERAGE YIELD, AND PRODUCTION 1986 AND 1987

CROP	ACRES				AVERAGE YIELD		PRODUCTION	
	PLANTED		HARVESTED					
	1986	1987	1986	1987	1986	1987	1986	1987
					tons			tons
Tomatoes	1/	900	1/	800	1/	11.68	1/	9,340
Sweet Corn	5,200	5,400	4,900	5,400	4.77	4.72	23,370	25,500
Green Peas	10,200	9,700	9,600	9,700	1.61	1.28	15,460	12,420
Lima Beans	13,600	12,900	13,300	12,800	.70	.51	9,310	6,500
Sweet Peppers	20	140	120	140	3.58	3.50	430	490
Other Vegs. 2/	6,810	6,275	6,510	5,975	--	--	29,730	21,571
Total	**35,930**	**35,315**	**34,430**	**34,815**	—	—	**78,300**	**75,821**

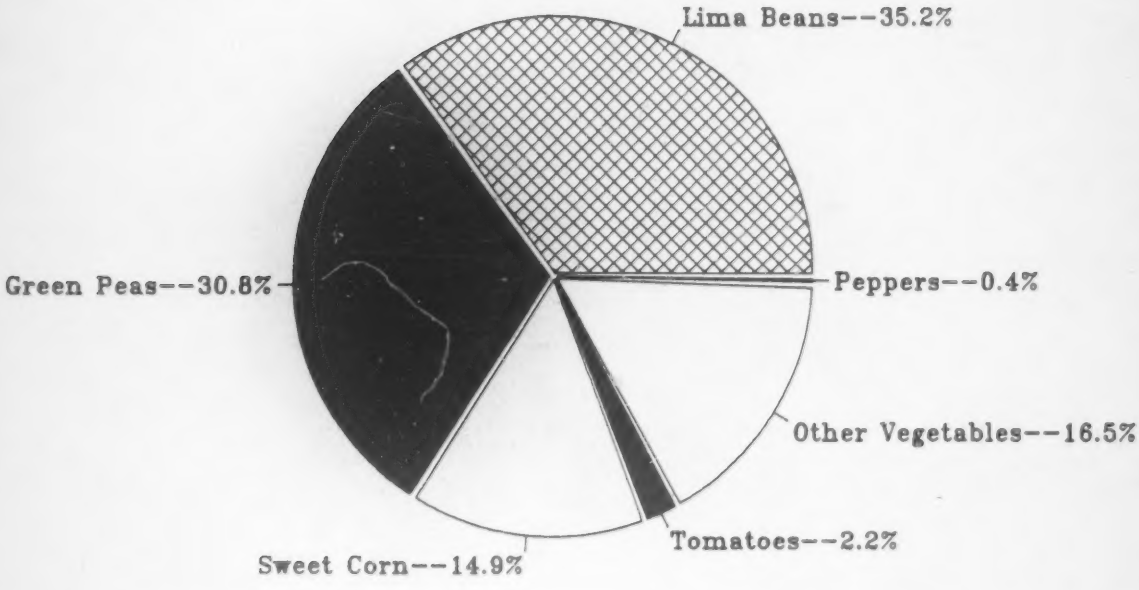
1/ Not published separately to avoid disclosure of individual operation.
2/ Other vegetables include: hot peppers, snap beans, carrots, broccoli, zucchini, spinach tomatoes and cucumbers.

VEGETABLES FOR PROCESSING: ACREAGE, YIELD, PRODUCTION AND VALUE, DELAWARE, 1981-1987

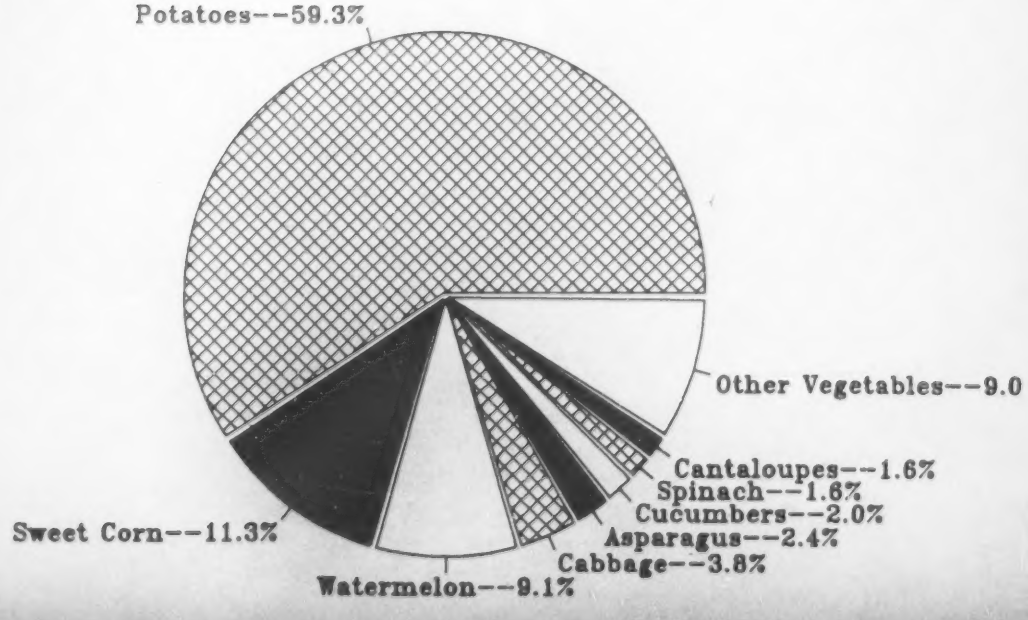
CROP	YEAR	PLANTED	HARVESTED	PRODUCTION PER ACRE	PRODUCTION TOTAL	SEASON AVERAGE PRICE	VALUE OF PRODUCTION
		Acres		Tons		Dollars Per Ton	Thous. Dollars
GREEN LIMA BEANS	1981	11,000	10,800	.95	10,260	374.00	3,837
	1982 1/	----	----	---	----	----	---
	1983	14,100	13,600	.79	10,470	----	---
	1984	10,500	10,300	.83	8,550	314.00	2,685
	1985	11,100	10,600	.85	9,010	320.00	2,883
	1986	13,600	13,300	.70	9,310	365.00	3,398
	1987	12,900	12,800	.51	6,500	380.00	2,470
SNAP BEANS 1/	----	----	----	---	----	----	----
SWEET CORN	1981	3,400	3,000	3.14	9,420	79.50	749
	1982	3,900	3,900	5.28	20,590	58.00	1,194
	1983	4,000	4,000	4.58	18,320	65.20	1,194
	1984	5,200	5,000	5.71	28,550	79.80	2,278
	1985	4,600	4,600	5.73	26,360	71.20	1,877
	1986	5,200	4,900	4.77	23,370	47.90	1,119
	1987	5,400	5,400	4.72	25,500	54.60	1,392
CUCUMBER FOR PICKLES	1981	1,700	1,700	4.41	7,500	156.00	1,170
	1982 1/	----	----	---	----	----	----
	1983	1,600	1,500	5.49	8,240	----	----
	1984	1,500	1,500	4.77	7,160	137.00	981
	1985	1,500	1,500	4.35	6,530	144.00	940
	1986 1/	----	----	---	----	----	----
	1987 1/	----	----	---	----	----	----
GREEN PEAS 2/	1981	8,000	7,800	1.60	12,480	238.00	2,970
	1982	8,100	7,900	1.73	13,670	270.00	3,691
	1983	9,900	9,400	1.47	13,820	209.00	2,888
	1984	11,600	11,500	1.40	16,100	276.00	4,444
	1985	12,400	12,400	1.79	22,200	277.00	6,149
	1986	10,200	9,600	1.61	15,460	239.00	3,695
	1987	9,700	9,700	1.28	12,420	229.00	2,844
TOMATOES	1981 1/	----	----	---	----	----	----
	1982	1,300	1,200	14.86	17,830	84.40	1,505
	1983	840	840	13.36	11,220	71.50	802
	1984	840	820	18.09	14,830	76.50	1,134
	1985	1,200	1,100	12.67	13,940	72.10	1,005
	1986 1/	----	----	---	----	----	----
	1987	900	800	11.68	9,340	72.20	674

1/ Not published separately to avoid disclosure of individual operations.
2/ Shelled basis.

DELAWARE PROCESSING VEGETABLES
Acres Harvested
1987



DELAWARE FRESH MARKET VEGETABLES
Acres Harvested
1987



VEGETABLES: ACREAGE, YIELD AND PRODUCTION, DELAWARE, BY COUNTIES, 1987

NEW CASTLE

CROP	FRESH MARKET				PROCESSING		TOTAL		
	ACREAGE		YIELD CWT.	PRODUCTION CWT.	ACREAGE		YIELD TONS	PRODUCTION TONS	PLANTED ACRES
	PLANTED	HARVESTED			PLANTED	HARVESTED			
Asparagus	20	20	14	270	--	--	--	--	20
Lima Beans	5	5	21	105	--	--	--	--	5
Cabbage	50	50	180	9,000	--	--	--	--	50
Cantaloupes	40	40	115	4,600	--	--	--	--	40
Cauliflower	20	20	130	2,600	--	--	--	--	20
Cucumbers	--	--	--	--	--	--	--	--	--
Green Peas	15	10	40	400	1/	1/	--	1/	1/
Sweet Peppers	10	5	86	430	--	--	--	--	10
Spinach	80	80	56	4,480	1/	1/	--	1/	1/
Sweet Corn	280	270	80	21,600	1/	1/	--	1/	1/
Turnips	5	5	72	360	--	--	--	--	5
Watermelons	20	20	180	3,600	--	--	--	--	20
Tomatoes	--	--	--	--	--	1/	--	--	--
Other Vegetables	60 2/	55 2/	--	--	610 3/	610 3/	--	--	670 4/
TOTAL	605	580	--	--	610 3/	610 3/	--	--	1,215
Strawberries	25	25	38	950	--	--	--	--	25

KENT

CROP	FRESH MARKET				PROCESSING		TOTAL		
	ACREAGE		YIELD CWT.	PRODUCTION CWT.	ACREAGE		YIELD TONS	PRODUCTION TONS	PLANTED ACRES
	PLANTED	HARVESTED			PLANTED	HARVESTED			
Asparagus	270	270	14	3,830	---	---	---	---	270
Lima Beans	5	5	15	75	1/	1/	---	1/	1/
Cabbage	470	460	240	110,400	---	---	---	---	470
Cantaloupes	35	30	110	3,300	---	---	---	---	35
Cauliflower	40	40	120	4,800	---	---	---	---	40
Cucumbers	--	--	--	---	---	---	---	---	---
Green Peas	5	5	35	175	1/	1/	---	1/	1/
Sweet Peppers	10	10	86	860	124	124	3.73	463	134
Spinach	120	120	55	6,600	---	---	---	---	120
Sweet Corn	940	920	101	93,030	1/	1/	---	1/	1/
Turnips	5	5	96	480	---	---	---	---	5
Watermelons	70	70	220	15,750	---	---	---	---	70
Tomatoes	--	--	--	---	---	---	---	---	---
Other Vegetables	715 2/	705 2/	--	---	17,905 3/	17,745	---	---	18,620
TOTAL	2,685	2,640	--	---	18,029 3/	17,869	---	---	20,714
Strawberries	40	40	31	1,240	---	---	---	---	40

SUSSEX

CROP	FRESH MARKET				PROCESSING		TOTAL		
	ACREAGE		YIELD CWT.	PRODUCTION CWT.	ACREAGE		YIELD TONS	PRODUCTION TONS	PLANTED ACRES
	PLANTED	HARVESTED			PLANTED	HARVESTED			
ASPARAGUS	30	30	17	500	---	---	---	---	30
LIMA BEANS	30	30	40	1,200	1/	1/	---	1/	1/
CABBAGE	10	10	175	1,750	---	---	---	---	10
CANTALOUPES	150	145	130	18,850	---	---	---	---	150
CAULIFLOWER	10	10	120	1,200	---	---	---	---	10
CUCUMBERS	--	--	--	--	---	---	---	---	--
GREEN PEAS	10	10	50	500	1/	1/	--	--	1/
SWEET PEPPERS	10	10	88	880	16	16	1.69	27	26
SPINACH	10	10	42	420	1/	1/	---	1/	1/
SWEET CORN	340	330	81	26,730	1/	1/	---	1/	1/
TURNIPS	10	10	120	1,200	---	---	---	---	10
WATERMELONS	1,150	1,140	251	285,650	---	---	---	---	1,150
TOMATOES	--	--	--	--	---	---	---	---	--
OTHER VEGETABLES	185 2/	175 2/	--	--	16,660 3/	16,320 3/	---	---	18,350 4/
TOTAL	1,945	1,910	--	--	16,676	16,336	---	---	20,111
STRAWBERRIES	25	25	34	850	---	---	---	---	25

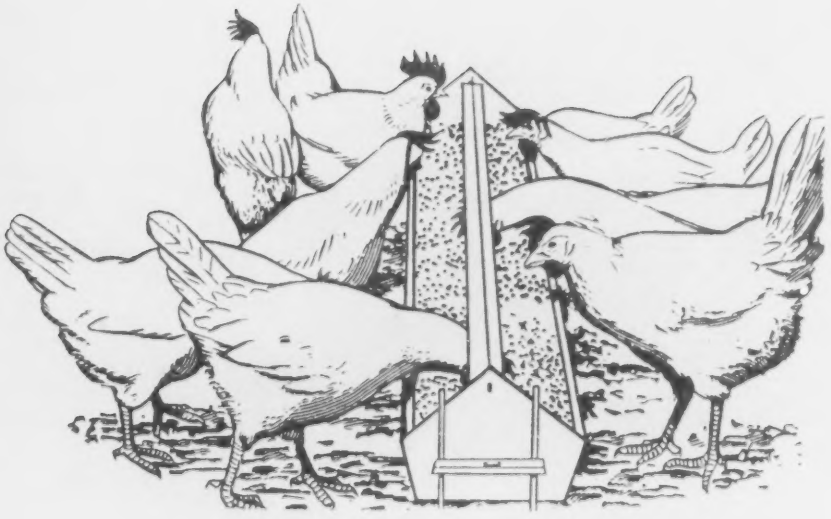
1/ Not published to avoid disclosure of individual operation.
2/ Includes: snap beans, broccoli, hot peppers, squash, brussel sprouts, pumpkins, greens, sweet potatoes, tomatoes, cucumbers.
3/ Includes: lima beans, green peas, sweet corn, tomatoes, carrots, snap beans, hot peppers, zucchini, spinach, cucumbers and broccoli.
4/ Includes: vegetables listed in footnotes 2 and 3.

POULTRY

Broilers produce more income in Delaware than any other agricultural commodity. In 1987, the value of broilers raised in the state, at slaughter weight, amounted to $320 million. This value is down 10 percent from 1986 due primarily to reduced market prices for chicken. Production, in terms of the aggregate weight of broilers produced, was 11 percent greater than the 1986 output. The number of broilers produced was up 7 percent from 1986 and the average liveweight rose from 4.8 pounds in 1986 to 5.0 pounds in 1987.

Egg production in Delaware during 1987 totaled 144 million eggs, up 9 million from the previous year. The annual average number of layers in the state was 688,000 compared to an average 622,000 in 1986.

Laying hens produced an average of 209 eggs during 1987. Sales of Delaware eggs amounted to $12,120 in 1987.



BROILER-TYPE EGGS SET, CHICKS HATCHED AND PLACED IN GROWING HOUSES, DELAWARE, BY WEEKS, 1985-1987 1/

YEAR AND WEEK ENDING	EGGS SET	CHICKS HATCHED	CHICKS PLACED	YEAR AND WEEK ENDING	EGGS SET	CHICKS HATCHED	CHICKS PLACED
1985	----- Thousands -----			1986	------- Thousands --------		
OCT 05	3,916	2,781	3,647	Oct 04	4,130	3,383	4,561
12	3,587	2,758	4,049	11	4,040	2,980	3,693
19	3,427	3,018	3,606	18	3,271	3,481	3,047
26	4,016	3,142	3,718	25	3,896	3,301	4,098
Nov 02	4,090	2,891	4,200	Nov 01	4,389	3,149	4,269
09	4,106	2,768	3,367	08	4,316	2,593	4,468
16	3,834	3,264	4,299	15	4,291	3,099	4,277
23	4,079	3,320	4,186	22	4,253	3,512	4,194
30	4,160	3,318	4,342	29	4,351	3,479	4,473
Dec 07	3,944	3,327	4,205	Dec 06	4,304	3,453	3,847
14	3,741	3,285	4,502	13	4,370	3,454	4,899
21	3,807	3,374	4,174	20	4,348	3,522	4,880
28	3,735	3,238	3,716	27	3,999	3,550	4,124
1986				1987			
Jan 04	3,885	3,052	3,701	Jan 03	4,143	3,555	4,281
11	3,800	3,086	4,117	10	4,275	3,642	4,246
18	3,827	2,992	3,979	17	4,014	3,240	3,972
25	3,967	3,125	4,194	24	4,169	3,394	4,561
				31	3,761	3,504	4,095
Feb 01	4,113	3,035	3,436	Feb 07	3,985	3,297	3,842
08	4,175	3,085	3,610	14	4,050	3,319	4,528
15	4,160	3,163	4,151	21	4,276	2,979	4,064
22	4,211	3,246	4,181	28	4,263	3,158	4,255
Mar 01	4,205	3,256	3,781	Mar 07	4,195	3,207	3,882
08	4,212	3,267	4,314	14	4,022	3,402	4,175
15	4,196	3,359	4,421	21	4,287	3,382	4,264
22	4,245	3,409	4,565	28	4,341	3,316	3,717
29	4,232	3,453	4,310				
Apr 05	4,240	3,499	4,001	Apr 04	4,342	3,213	4,371
12	4,114	3,524	4,099	11	4,338	3,368	4,390
19	3,982	3,513	4,158	18	4,344	3,438	3,924
26	4,150	3,537	4,259	25	4,250	3,442	4,359
May 03	4,229	3,477	4,021	May 02	4,290	3,403	4,570
10	4,242	3,495	4,193	09	4,294	3,406	4,510
17	4,355	3,511	4,172	16	4,336	3,403	4,110
24	4,356	3,565	4,883	23	4,369	3,487	4,189
31	4,359	3,529	4,610	30	4,466	3,476	4,947
Jun 07	4,286	3,627	4,215	Jun 06	4,548	3,509	4,400
14	4,300	3,624	4,603	13	4,550	3,503	4,647
21	4,091	3,659	4,293	20	4,529	3,577	4,519
28	4,258	3,616	4,432	27	4,435	3,666	5,011
Jul 05	4,248	3,511	4,279	Jul 04	4,315	3,712	4,699
12	4,166	3,406	4,199	11	4,331	3,691	4,312
19	4,139	2,560	4,406	18	4,183	3,696	4,890
26	4,082	3,460	4,488	25	4,287	3,523	4,164
Aug 02	3,970	3,426	3,968	Aug 01	4,251	3,517	4,561
09	4,045	3,263	4,271	08	4,295	3,341	4,211
16	3,968	3,207	3,937	15	4,300	3,421	4,559
23	4,181	3,099	4,280	22	4,239	3,410	4,217
30	3,981	3,135	3,766	29	4,306	3,458	4,059
Sep 06	4,223	3,093	3,827	Sep 05	3,741	3,450	4,363
13	4,232	3,293	4,174	12	3,570	3,441	4,109
20	3,708	3,167	3,854	19	3,816	3,442	4,251
27	4,325	3,372	4,041	26	4,284	3,028	3,917
TOTAL 1985	**211,900**	**170,180**	**214,200**	**TOTAL 1986**	**218,748**	**176,374**	**224,921**

1/ Eggs set and chicks hatched include eggs for all broiler-type chicks. Including those raised as broilers and as hatchery flock replacements. Chicks placed include only chicks raised as broilers.

COMMERCIAL BROILERS: PRODUCTION AND VALUE, DELAWARE, 1981-87

YEAR 1/	NUMBER PRODUCED	AVERAGE LIVEWEIGH	PRODUCTION	AVERAGE PRICE PER POUND 2/	VALUE 3/
	Thou. Birds	Pounds	Thou. Pounds	Cents	Thou. Dollars
1981	169,596	4.5	763,182	30.0	228,955
1982	177,799	4.6	817,875	30.0	245,363
1983	181,862	4.8	872,938	31.0	270,611
1984	189,615	4.8	910,152	36.5	332,205
1985	196,399	4.8	942,715	33.0	311,096
1986	196,783	4.8	944,558	37.5	354,209
1987	209,818	5.0	1,049,090	30.5	319,972

1/ Twelve month period beginning with December of the previous year.
2/ Liveweight equivalent price.
3/ Gross income including home consumption.

BROILER-TYPE CHICKS HATCHED BY COMMERCIAL HATCHERIES: DELAWARE, 1981-87

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
							1,000 Birds						
1981	10,409	9,418	11,196	10,803	11,290	11,296	11,150	10,738	9,872	9,810	9,853	10,913	126,748
1982	11,459	10,480	12,350	11,686	12,345	11,924	12,100	11,883	10,875	11,079	11,159	11,943	139,283
1983	11,911	10,528	12,229	12,231	12,340	12,100	12,074	11,830	11,217	10,826	11,043	12,063	140,392
1984	11,751	11,768	13,162	12,777	13,189	13,289	13,275	13,599	12,452	12,286	12,019	13,447	153,014
1985	13,733	12,408	14,312	14,087	14,787	14,594	14,157	13,564	12,985	12,968	13,497	14,533	165,625
1986	13,547	12,718	14,955	14,988	15,592	15,530	15,379	14,128	13,946	14,393	13,627	15,515	174,318
1987	15,305	12,753	14,687	14,513	15,247	15,345	16,044	15,120	14,046	14,548	13,773	15,471	176,852

CHICK HATCHERIES: NUMBER AND EGG CAPACITY, JANUARY 1, SELECTED YEARS, DELAWARE, 1973-1987

YEAR	NUMBER OF HATCHERIES	EGG CAPACITY	YEAR	NUMBER OF HATCHERIES	EGG CAPACITY
	Number	1,000		Number	1,000
1973	12	13,066	1981	4	11,115
1975	9	15,083	1983	4	11,079
1977	9	15,255	1985	5	12,537
1979	7	15,255	1987	4	13,130

EGG PRODUCTION: NUMBER OF LAYERS, EGGS PER LAYER
AND TOTAL PRODUCTION, QUARTERLY, DELAWARE, 1981-1987

YEAR	DECEMBER-FEBRUARY 1/	MARCH-MAY	JUNE-AUGUST	SEPTEMBER-NOVEMBER	ANNUAL
	Layers on Farm-Thousand				Average
1981	515	597	630	624	592
1982	584	582	628	630	606
1983	615	628	645	642	633
1984	645	629	637	626	634
1985	573	564	616	620	594
1986	589	627	645	626	622
1987	639	697	710	704	688
	Total Eggs Per Layer During Quarter 2/				Total
1981	52.4	51.9	55.6	54.5	215
1982	55.9	57.7	57.0	54.5	226
1983	55.3	57.3	57.4	54.5	224
1984	54.3	52.5	58.1	55.9	221
1985	52.4	53.2	53.6	53.2	212
1986	52.6	54.2	55.8	54.3	217
1987	50.0	51.7	53.5	54.0	209
	Total Egg Production During Quarter-Millions				Total
1981	27	31	35	34	127
1982	33	34	36	34	137
1983	34	36	37	35	142
1984	35	33	37	35	140
1985	30	30	33	33	126
1986	31	34	36	34	135
1987	32	36	38	38	144

1/ December of the preceding year.
2/ The annual eggs per layer may not add due to rounding.

TOTAL EGGS: PRODUCTION, DISPOSITION AND VALUE OF SALES, DELAWARE, 1981-1987 1/

YEAR 2/	HENS & PULLETS OF LAYING AGE 3/	AVERAGE NUMBER OF LAYERS ON HAND DURING YEAR	EGGS PER LAYER 4/	EGGS PRO-DUCED	EGGS CON-SUMED IN FARM HOUSE-HOLD	EGGS SOLD	PRICE PER DOZEN	CASH RECEIPTS FROM SALES
	Thous. Birds		Number	Millions		Cents		1,000 Dollars
1981	623	592	215	127	.5	126.5	82.5	8,697
1982	622	606	226	137	5/	137.0	85.0	9,662
1983	642	633	224	142	5/	142.0	95.5	11,301
1984	589	634	221	140	5/	140.0	105.0	12,250
1985	578	594	212	126	N/A	N/A	98.0	10,290
1986	615	622	217	135	--	--	98.0	11,025
1987	676	688	209	144	--	--	101.0	12,120

1/ Includes hatching eggs and eggs sold at retail by farmers.
2/ Marketing year is from December of the previous year to November 30 of the year shown.
3/ On hand December 1 of the previous year.
4/ Eggs produced divided by average number of layers on hand.
5/ Less than one-half million eggs.

CHICKENS: INVENTORY AND VALUE ON DECEMBER 1, DELAWARE, 1981-87

YEAR	HENS AND PULLETS OF LAYING AGE			PULLETS 3 MONTHS OLD AND OLDER NOT OF LAYING AGE	PULLETS UNDER 3 MONTHS	OTHER CHICKENS	TOTAL CHICKENS	VALUE	
	HENS	PULLETS	TOTAL					PER BIRD	TOTAL VALUE
				Thous. Birds				Dollars	Thous. Dollars
1981	120	503	623	115	150	50	938	1.65	1,548
1982	70	552	622	140	110	51	923	2.00	1,846
1983	157	485	642	135	180	67	1,024	3.25	3,328
1984	129	460	589	101	106	52	848	3.05	2,586
1985	110	468	578	127	157	67	929	4.45	4,134
1986	150	465	615	104	145	74	938	4.05	3,799
1987	131	545	676	107	175	69	1,027	4.35	4,467

CHICKENS AND TURKEYS: PRODUCTION, DISPOSITION AND VALUE, DELAWARE, 1981-87 1/

YEAR	NUMBER RAISED	PRODUCTION		HOME CONSUMPTION		POUNDS SOLD	TOTAL VALUE 3/
		NUMBER	POUNDS 2/	NUMBER	VALUE		
		Thous. Birds	Thous. Pounds	Thous. Birds	Thous. Dollars	Thous. Pounds	Thous. Dollars
			CHICKENS 4/				
1981	948	858	6,349	20	11	5,467	640
1982	1,040	955	8,218	20	10	7,220	768
1983	1,103	1,013	7,215	12	8	6,750	953
1984	800	710	6,453	30	25	6,762	1,242
1985	--	--	--	--	--	6,400	960
1986	--	--	--	--	--	6,400	832
1987	--	--	--	--	--	5,678	625
			TURKEYS 5/				
						cents/lb.	
1981	178	--	3,809	--	--	34.0	1,295
1982	238	--	5,093	--	--	40.0	2,037
1983	294	--	5,880	--	--	44.0	2,587
1984	64	--	1,408	--	--	49.0	690
1985	11	--	286	--	--	62.0	177
1986	6/ 125	--	2,625	--	--	64.0	1,680
1987	6/ 133	--	2,660	--	--	60.0	1,596

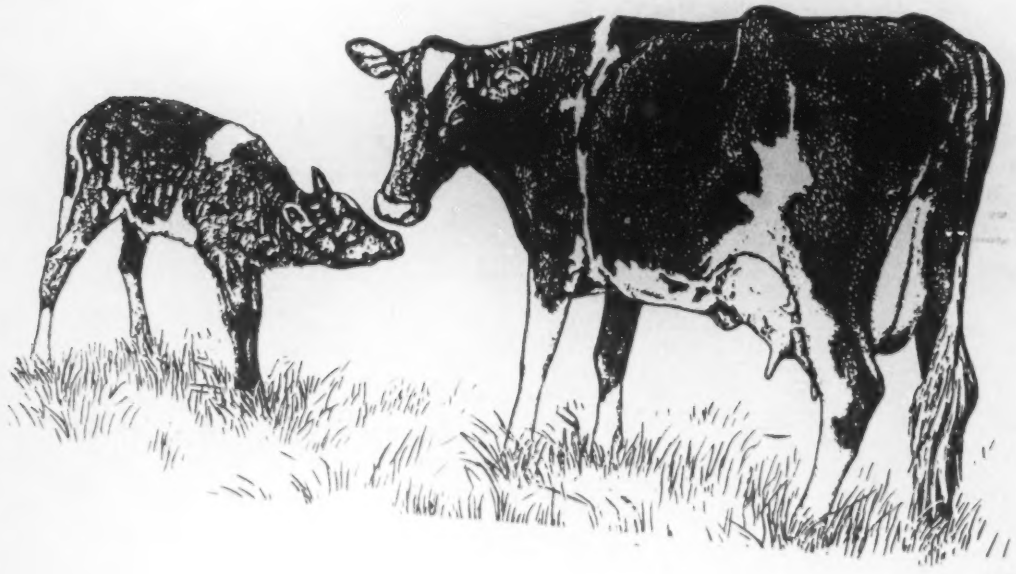
1/ Marketing year is December 1 of the previous year through November 30 of the year shown.
2/ Number of pounds available for utilization during the year, i.e. sales plus home consumption plus or minus the change in inventory.
3/ Cash receipts plus value of production.
4/ Excludes commercial broilers. Marketing year is from December 1 of the previous year to November 30 of the year shown. Estimates discontinued in 1984.
5/ Based on hatch from September 1 of previous year to August 31 of the year shown.
6/ Includes Maryland and Delaware.

DAIRY

Milk production in Delaware during 1987, at 139 million pounds, was 5 percent below the 1986 production. The number of milk cows on Delaware farms averaged 9,500 in 1987, 500 cows less than the annual average for 1986. Annual milk production per cow, at 14,632 pounds, is slightly above the 14,600 annual average of the proceeding year. Dairymen in Delaware received an average of $13.20 per hundredweight for their 1987 milk, up $0.40, or 3 percent from 1986.

Cash receipts from milk marketed in 1987 totaled $18.3 million, down 2 percent from the $18.7 million received for 1986 milk marketings. Milk cash receipts amounted to 4.9 percent of the cash received by producers from all livestock and livestock products in Delaware. Milk comprised 3.7 percent of the total agricultural commodity cash receipts in the state.

The average Delaware milk cow was fed 5,867 pounds of grain and concentrates during 1987, an increase of 6 percent -337 pounds from the year earlier figure of 5,530 pounds of grain and concentrate fed. The average value of ration fed in 1987 at $7.43 per hundredweight was $0.38 less than the $7.81 per hundredweight value averaged in 1986.



MILK COWS AND MILK PRODUCTION, DELAWARE, 1970, 1975, 1978-1987
PRODUCTION OF MILK AND MILKFAT

YEAR	NUMBER OF MILK COWS ON FARMS 1/	PER MILK COW		PERCENTAGE OF FAT IN ALL MILK PRODUCED	TOTAL	
		MILK	MILKFAT		MILK	MILKFAT
	Thous.	Pounds		Percent	Million Pounds	
1970	13.5	9,630	356	3.70	130	4.8
1975	11.7	10,855	398	3.67	127	4.7
1978	11.0	11,727	434	3.70	129	4.8
1979	10.7	11,869	436	3.67	127	4.7
1980	10.4	12,019	442	3.68	125	4.6
1981	10.1	12,277	453	3.69	124	4.6
1982	10.2	13,431	484	3.60	137	4.9
1983	10.3	13,301	489	3.68	137	5.0
1984	10.0	13,150	483	3.67	132	4.8
1985	10.3	14,282	521	3.65	147	5.4
1986	10.0	14,600	529	3.67	146	5.4
1987	9.5	14,632	540	3.69	139	5.1

1/ Average number during year, excluding heifers not yet fresh.

MILK UTILIZED, MARKETING, INCOME AND VALUE OF DAIRY PRODUCTS,
DELAWARE, 1970, 1975, 1978-1987

YEAR	COMBINED MARKETINGS OF MILK AND CREAM				MILK USED ON FARMS WHERE PRODUCED			GROSS FARM INCOME FROM DAIRY PRODUCTS 4/	FARM VALUE OF MILK PRODUCED 3/ 5/
	MILK UTILIZED	AVG. RETURNS 1/		CASH RECEIPTS FROM MARKETING	FED TO CALVES 2/	ALL MILK UTILIZED 3/	VALUE 3/		
		PER 100 POUNDS MILK	PER POUND MILKFAT						
	Million Pounds	Dollars		Thous. Dollars	Million Pounds			Thous. Dollars	
1970	127	6.70	1.81	8,509	1	2	134	8,643	8,710
1975	124	9.51	2.59	11,794	1	2	190	11,984	12,078
1978	126	11.37	3.07	14,325	1	2	227	14,552	14,667
1979	124	12.67	3.45	15,717	1	2	253	15,970	16,097
1980	123	13.68	3.72	16,825	1	1	137	16,961	17,098
1981	122	14.30	3.88	17,446	1	1	143	17,589	17,732
1982	135	13.90	3.86	18,765	1	1	139	18,904	19,043
1983	135	14.00	3.80	18,900	1	1	140	19,040	19,180
1984	130	14.00	3.81	18,130	1	1	140	18,270	18,410
1985	145	13.10	3.59	19,008	1	1	131	19,139	19,270
1986	144	12.80	3.49	18,432	1	1	128	18,560	18,688
1987	137	13.20	3.58	18,084	1	1	132	18,216	18,348

1/ Cash receipts divided by milk or milkfat represented in combined marketings.
2/ Excludes milk sucked by calves. 3/ Used for milk, cream and butter where produced valued at average returns per 100 pounds of milk in combined marketing of milk and cream.
4/ Cash receipts from marketings of milk and cream plus value of milk used for home consumption and farm churned butter. 5/ Includes value of milk fed to calves.

NUMBER OF OPERATIONS WITH MILK COWS

1986	230
1987	220

MILK PRODUCTION: NUMBER OF COWS, PRODUCTION PER COW AND TOTAL PRODUCTION QUARTERLY, DELAWARE 1975, 1978-87

YEAR	JAN-MAR	APR-JUN	JUL-SEP	OCT-DEC	ANNUAL
		MILK COWS ON FARM-THOUSAND HEAD 1/			
1975	12.3	11.7	11.4	11.3	11.7
1978	11.1	11.0	10.9	10.9	11.0
1979	10.8	10.6	10.6	10.6	10.7
1980	10.6	10.4	10.3	10.2	10.4
1981	10.0	10.1	10.0	10.2	10.1
1982	10.1	10.3	10.2	10.1	10.2
1983	10.2	10.3	10.2	10.3	10.3
1984	10.2	10.0	10.0	9.8	10.0
1985	10.0	10.0	10.5	10.5	10.3
1986	10.3	10.3	9.7	9.7	10
1987	9.7	9.7	9.5	9.1	9.5
		PRODUCTION PER MILK COW-POUNDS 2/ 3/			
1975	2,618	2,778	2,772	2,717	10,855
1978	3,027	2,946	2,862	2,917	11,727
1979	3,000	3,025	3,000	2,900	11,869
1980	3,050	3,100	3,000	2,900	12,019
1981	3,020	3,150	3,020	3,120	12,277
1982	3,330	3,470	3,250	3,420	13,431
1983	3,440	3,390	3,275	3,260	13,301
1984	3,280	3,400	3,200	3,270	13,150
1985	3,500	3,650	3,600	3,600	14,282
1986	3,590	3,690	3,710	3,610	14,600
1987	3,710	3,710	3,580	3,625	14,632
		TOTAL PRODUCTION-MILLION POUNDS 2/			
1975	32.2	32.5	31.6	30.7	127
1978	33.6	32.4	31.2	31.8	129
1979	32.4	32.1	31.8	30.7	127
1980	32.3	32.2	30.9	29.6	125
1981	30.2	31.8	30.2	31.8	124
1982	33.6	35.7	33.2	34.5	137
1983	35.1	34.9	33.4	33.6	137
1984	33.5	34.0	32.0	32.0	132
1985	35.0	36.5	37.8	37.8	147
1986	37.0	38.0	36.0	35.0	147
1987	36.0	36.0	34.0	33.0	139

1/ Excludes heifers not yet fresh.
2/ Excludes milk sucked by calves.
3/ Quarterly milk production per cow may not add due to the total for the year due to rounding of quarterly estimates.

AVERAGE PER COW, GRAIN & CONCENTRATES FED DAILY AND AVERAGE VALUE PER CWT. OF RATION FED QUARTERLY, DELAWARE, 1975, 1978-88

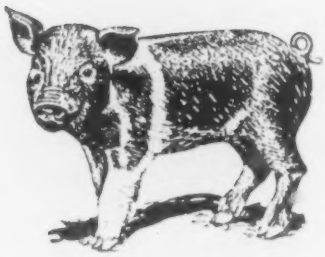
YEAR	JANUARY 1		APRIL 1		JULY 1		OCTOBER 1	
	POUNDS FED	DOLLAR VALUE	POUNDS FED	DOLLAR VALUE	POUNDS FED	DOLLAR VALUE	POUNDS FED	DOLLAR VALUE
1975	14.8	6.45	16.1	5.98	13.5	5.93	12.1	6.05
1978	14.0	7.02	14.8	7.18	14.5	7.13	13.4	7.28
1979	14.6	7.10	14.6	7.30	15.2	7.45	14.5	7.15
1980	15.0	7.30	15.1	7.50	15.2	7.60	15.2	8.60
1981	16.0	10.00	14.0	9.05	14.0	9.00	14.2	8.40
1982	15.9	8.80	15.3	8.10	14.0	8.25	14.5	7.80
1983	15.6	7.80	16.0	8.30	14.5	7.80	14.5	8.75
1984	14.4	9.00	15.3	9.10	14.8	9.05	15.4	8.80
1985	15.9	8.50	16.4	7.85	15.0	7.50	14.0	7.40
1986	15.5	7.80	14.0	8.15	15.6	7.65	15.5	7.65
1987	16.4	7.55	16.0	7.40	16.0	7.50	15.9	7.25
1988	16.9	7.80	NA	NA	NA	NA	NA	NA

NA - Not Available at time of publication.

LIVESTOCK

The January 1, 1987 inventory of cattle and calves in Delaware, at 29,000 head, was down 6 percent from a year earlier. The average value per head for all cattle and calves, was $630 compared with the $560 average of a year earlier. Cash receipts during 1987 for cattle and calves at $3.71 million was down 3 percent, compared to $1.76 million in cash receipts during 1986. Delaware had 700 farms with cattle during 1987, a decrease of 30 farms from 1986 and equal to 1985. Cattle slaughter for Delaware and Maryland combined during 1987 totaled 52,100, down 7 percent from 1986's 55.8 million. Calf slaughter in Delaware and Maryland during 1987 total 25,500, down 20 percent from the 31,800 slaughtered during 1986.

Hog and pig inventory number on December 1, 1987 decreased 2,000 head from a year earlier to 58,000 head. The average value per head for all hogs and pigs was $80.00 compared to the $95.00 value posted in 1986. Market hogs at 48,000 head accounted for 83 percent of the total inventory. Hog slaughter in Delaware and Maryland combined at 139,400 head was up 211 percent from the 66,200 slaughtered in 1986. Delaware farmers farrowed 17,000 sows during 1987 with an average of 7.1 pigs per litter. The pig crop amounted to 121,000 pigs. Sows farrowed decreased 1,500 head from 1986, and pigs per litter decreased 0.3 pig per litter. The total pig crop decreased by 16,000 head.



CATTLE: NUMBER BY CLASSES, DELAWARE, JANUARY 1, 1981-1988

SPECIES AND CLASS	1981	1982	1983	1984	1985	1986	1987	1988
			Thousand Head					
ALL CATTLE and CALVES-January 1	32	35	36	30	26	27	31	29
Cows and Heifers That Have Calved	15	15	15	13	12	12	13	11
Beef Cows	5	5	5	3	2	2	3	2
Milk Cows	10	10	10	10	10	10	10	9
Heifers 500 Pounds and Over	8	9	9	5	5	6	4	4
For Beef Cow Replacement	1	1	1	1	1	1	1	1
For Milk Cow Replacement	4	4	4	3	3	3	2	2
Other	3	4	4	1	1	2	1	1
Steers 500 Pounds and Over	3	4	5	6	3	4	6	7
Bulls 500 Pounds and Over	1	1	1	1	1	1	1	1
Heifers, Steers and Bulls Under 500 Pounds	5	6	6	5	5	4	7	6
CALVES Born During Year	12	13	13	11	10	10	13	11

HOGS: NUMBER BY CLASS, DELAWARE, DECEMBER 1, 1980-1987

SPECIES AND CLASS	1980	1981	1982	1983	1984	1985	1986	1987
ALL HOGS and PIGS-December 1	56	40	33	40	36	50	60	58
Breeding Hogs	6	5	5	5	6	10	11	10
Market Hogs	50	35	28	35	30	40	49	48
Under 60 Pounds	12	8	9	12	11	20	20	17
60 -119 Pounds	15	9	8	7	6	6	12	10
120-179 Pounds	12	8	5	9	6	6	8	7
180-Pounds and Over	11	10	6	7	7	8	9	14

SOWS FARROWED, PIGS PER LITTER AND PIG CROPS: DELAWARE, 1975, 1978-1987

YEAR	SOWS FARROWED			PIGS PER LITTER			PIG CROP		
	DEC-MAY 1/	JUNE-NOV	ANNUAL TOTAL	DEC-MAY 1/	JUNE-NOV	ANNUAL AVERAGE	DEC-MAY 1/	JUNE-NOV	ANNUAL TOTAL
	Thous. Head			Number			Thous. Head		
1975	6.4	6.0	12.4	7.0	7.4	7.2	45	44	89
1978	5.0	6.0	11.0	7.0	6.9	6.9	35	41	76
1979	6.5	5.0	11.5	7.3	7.0	7.1	47	35	82
1980	5.5	5.5	11.0	7.0	7.0	7.0	39	39	78
1981	5.0	4.5	9.5	7.0	6.5	6.7	35	29	64
1982	5.0	3.1	8.1	6.8	7.0	6.9	34	22	56
1983	5.5	4.0	9.5	7.3	7.5	7.4	40	30	70
1984	4.8	3.6	8.4	7.5	7.2	7.4	36	26	62
1985	6.0	6.0	12.0	8.5	7.8	8.2	51	47	98
1986	8.9	9.6	18.5	8.0	6.9	7.4	71	66	137
1987	9.0	8.0	17.0	6.7	7.6	7.1	60	61	121

1/ December preceding year.

NUMBER OF LIVESTOCK FARMS, BY TYPE: DELAWARE, 1975, 1978-1987

YEAR	FARMS WITH CATTLE	FARMS WITH MILK COWS	FARMS WITH HOGS & PIGS
1975	1,000	400	700
1978	850	300	630
1979	780	280	620
1980	780	280	620
1981	760	270	600
1982	740	270	550
1983	720	250	500
1984	700	250	450
1985	700	230	350
1986	730	230	440
1987	700	220	500

1/ An operation is any place having one or more head of the species on hand at any time during the year.

NUMBER AND VALUE OF CATTLE AND CALVES ON FARMS IN DELAWARE, JANUARY 1, 1975, 1978-1988

YEAR	ALL CATTLE AND CALVES		
	NUMBER	VALUE	
		PER HEAD	TOTAL
	Thous. Head	Dollars	Thous. Dollars
1978	30	315	9,450
1979	30	460	13,800
1980	30	675	20,250
1981	32	745	23,840
1982	35	665	23,275
1983	36	585	21,060
1984	30	605	18,150
1985	26	615	15,990
1986	27	615	16,605
1987	31	560	17,360
1988	29	630	18,270

NUMBER AND VALUE OF HOGS AND PIGS ON FARMS IN DELAWARE, DECEMBER 1, 1975, 1978-1987

YEAR	ALL HOGS AND PIGS		
	NUMBER	VALUE	
		PER HEAD	TOTAL
	Thous. Head	Dollars	Thous. Dollars
1978	50	81.50	4,075
1979	50	51.50	2,575
1980	56	74.00	4,144
1981	40	67.00	2,680
1982	33	89.50	2,954
1983	40	62.50	2,500
1984	36	70.00	2,520
1985	50	68.00	3,400
1986	60	95.00	5,700
1987	58	80.00	4,640

MEAT ANIMALS: INVENTORY, SUPPLY & DISPOSITION, DELAWARE 1980 - 1987

YEAR & CLASS	ON HAND FIRST OF YEAR	BIRTHS	INSHIP-MENTS	MARKET-INGS 2/	FARM SLAUGHTER 3/	DEATHS	ON HAND END OF YEAR
CATTLE & CALVES 1/			THOUSAND HEAD				
1980	30	13	-	7	1	3	32
1981	32	12	-	6	1	2	35
1982	35	13	4	12	1	3	36
1983	36	11	0	13	1	3	30
1984	30	10	0	11	1	2	26
1985	26	10	0	6	1	2	27
1986	27	13	0	6	1	2	31
1987	31	11	0	10	1	2	29
HOGS & PIGS 1/							
1980	50	78	6	68.0	2	8	56
1981	56	64	6	76.0	1	9	40
1982	40	56	6	62.5	0.5	6	33
1983	33	70	6	61.9	0.1	7	40
1984	40	62	6	66.9	0.1	5	36
1985	36	98	5	83.9	0.1	5	50
1986	50	137	7	126.9	0.1	7	60
1987	60	121	8	122.9	0.1	8	58

1/ Cattle and Calves- January 1-January 1; Hogs and Pigs-December 1 to December 1. 2/ Includes custom slaughter for use on farms where produced, but excludes inter-farm sales within the State. 3/ Excludes custom slaughter for farmers at commercial establishments.

MEAT ANIMALS: PRODUCTION AND INCOME, DELAWARE, 1980 - 1987

YEAR & CLASS	PRODUC-TION 1/	MARKET-INGS 2/	AVERAGE PRICE PER 100 POUNDS		VALUE OF PRODUC-TION	CASH RECEIPTS 3/	VALUE OF HOME CON-SUMPTION	GROSS INCOME
	Thous. Pounds		Dollars				Thous. Dollars	
CATTLE & CALVES			CATTLE	CALVES				
1980	7,405	4,275	54.00	84.80	4,206	2,516	1,080	3,596
1981	6,680	3,565	51.20	80.90	3,714	2,026	768	2,794
1982	4,800	4,630	50.30	70.30	2,750	2,615	1,182	3,797
1983	4,260	6,725	49.90	67.00	2,341	3,563	1,266	4,849
1984	5,045	6,275	51.60	64.50	2,749	3,350	1,296	4,646
1985	7,595	3,755	47.60	61.80	3,652	1,826	1,229	3,055
1986	8,375	3,755	46.10	57.90	4,038	1,763	1,291	3,054
1987	8,145	6,645	54.20	67.80	4,514	3,711	1,517	5,228
HOGS & PIGS								
1980	14,308	12,775	40.10		5,761	5,170	341	5,511
1981	14,115	15,680	45.50		6,432	7,203	216	7,419
1982	11,306	12,766	54.70		6,211	7,160	82	7,242
1983	13,221	12,656	48.70		6,446	6,217	22	6,236
1984	13,251	13,785	48.00		6,385	6,785	22	6,807
1985	19,102	17,606	44.40		8,522	7,960	20	7,980
1986	28,140	27,100	48.40		13,643	13,295	26	13,321
1987	25,925	26,041	50.10		13,012	13,253	27	13,280

1/ Adjustments made for inshipments and changes in inventory. 2/ Excludes custom slaughter for use on farms where produced and inter-farm sales within State.
3/ Receipts from marketing and sale of farm slaughter.

COMMERCIAL LIVESTOCK SLAUGHTER 1/: MARYLAND AND DELAWARE, 1986-87

SPECIES AND MONTH	1986			1987		
	NUMBER OF HEAD SLAUGHTERED	AVERAGE LIVEWEIGHT	TOTAL LIVEWEIGHT	NUMBER OF HEAD SLAUGHTERED	AVERAGE LIVEWEIGHT	TOTAL LIVE-WEIGHT
	Thous.	Pounds	Thous. Lbs.	Thous.	Pounds	Thous. Lbs.
CATTLE						
January	5.4	1,120	6,096	4.7	1,135	5,308
February	4.1	1,148	4,737	4.4	1,148	5,061
March	4.3	1,136	4,918	4.7	1,167	5,527
April	4.8	1,148	5,551	4.3	1,170	5,069
May	4.4	1,159	5,119	4.0	1,176	4,726
June	4.2	1,153	4,838	4.0	1,178	4,753
July	4.0	1,115	4,506	3.7	1,188	4,349
August	4.1	1,125	4,612	3.9	1,182	4,572
September	4.9	1,132	5,528	4.4	1,183	5,234
October	5.1	1,115	5,737	4.5	1,164	5,271
November	4.8	1,104	5,335	4.7	1,146	5,383
December	5.4	1,120	6,094	4.7	1,161	5,464
TOTAL 2/	55.8	1,130	63,069	52.1	1,166	60,717
CALVES						
January	2.8	371	1,041	2.5	372	937
February	2.3	364	828	2.5	384	958
March	2.5	362	891	2.0	383	757
April	3.3	353	1,177	2.7	367	974
May	2.7	349	945	2.1	370	777
June	2.1	357	743	2.3	364	820
July	1.8	368	664	1.9	362	686
August	1.8	360	666	1.2	283	339
September	3.2	374	1,193	2.1	371	780
October	3.8	368	1,386	2.3	360	846
November	2.3	371	835	1.5	356	537
December	3.3	374	1,230	2.4	363	877
TOTAL 2/	31.8	365	11,599	25.5	365	9,287
HOGS						
January	5.5	227	1,252	6.0	230	1,377
February	4.3	254	1,095	5.3	244	1,297
March	4.5	236	1,066	6.4	238	1,525
April	4.4	228	1,008	7.2	244	1,747
May	7.5	224	1,666	7.4	244	1,793
June	5.8	222	1,281	8.8	237	2,081
July	4.5	223	998	8.7	220	1,920
August	4.8	213	1,015	14.1	219	3,074
September	5.3	235	1,255	16.4	218	3,555
October	5.7	225	1,275	19.7	227	4,478
November	6.1	232	1,412	19.1	221	4,210
December	7.9	213	1,680	20.4	214	4,373
TOTAL 2/	66.2	227	15,002	139.4	225	31,431
SHEEP AND LAMBS						
January	1.3	110	140	1.3	106	139
February	1.1	105	118	1.2	108	131
March	1.4	108	156	1.5	114	170
April	1.5	105	158	1.6	101	159
May	1.7	105	178	1.3	104	135
June	1.4	102	147	1.4	102	142
July	1.5	106	161	1.5	102	151
August	1.8	103	185	1.8	104	183
September	1.9	104	201	1.8	106	189
October	1.6	104	164	1.6	103	165
November	1.5	107	160	1.6	108	175
December	1.7	105	174	1.6	106	165
TOTAL 2/	18.4	105	1,941	18.1	105	1,903

1/ Includes slaughter under Federal inspection and other commercial slaughter; excludes farm slaughter.

2/ May not add due to rounding.

INCOME AND PRICES

Delaware farmers netted a total of $139.7 million in 1987. This net income is down by 15 percent from the 1986 record of $165 million. Aggregate gross income from all sources was down by 5 percent with farm production expenses down from the 1986 level by 1 percent.

Cash receipts (not including forest products) were off by $36.4 million, due primarily to reduced returns from the sale of broiler chickens. Broiler cash receipts amounted to $320 million compared to $354.2 million in 1986.

Cash receipts from the sale of crops in 1987 dropped 4 percent, due mostly to smaller receipts for corn and soybeans.

Feed costs accounted for the largest portion of farm production expenses at $153.4 million, followed by livestock and poultry purchased at $50.8 million. Other major components of farm production expenses are depreciation at $30.7 million, hired labor at $21.6 million, and interest at $25.6 million.

CASH RECEIPTS FROM MARKETINGS, BY COMMODITIES, DELAWARE, 1985-1987 1/

Commodity	1985		1986		1987	
	VALUE $1,000	PERCENT OF TOTAL	VALUE $1,000	PERCENT OF TOTAL	VALUE $1,000	PERCENT OF TOTAL
LIVESTOCK AND PRODUCTS	353,137	71.3	401,612	76.8	370,322	76.1
Broilers	311,096	62.8	354,209	67.8	319,972	65.7
Dairy Products	19,008	3.8	18,432	3.5	18,084	3.7
Hogs	7,960	1.6	13,295	2.5	13,253	2.7
Eggs	10,290	2.1	11,025	2.1	12,120	2.5
Cattle & Calves	1,826	.4	1,763	.3	3,711	.8
Turkeys	177	*	*	*	*	*
Farm Chickens	960	.2	832	.2	625	.1
Other 2/	1,820	.4	2,056	.4	2,557	.5
ALL CROPS	138,962	28.0	118,883	22.7	113,793	2.3
Field Crops	84,148	17.0	60,368	11.5	47,645	9.8
Soybeans	34,639	7.0	28,429	5.4	23,178	4.8
Corn	38,357	7.7	23,554	4.5	15,560	3.2
Wheat	5,650	1.1	3,502	.7	4,381	.9
Barley	4,243	.9	3,639	.7	3,270	.7
Hay	1,023	.2	954	.2	969	.2
Rye	160	*	160	*	127	--
Other 3/	76	*	130	*	160	--
VEGETABLES AND MELONS	30,167	6.1	30,042	5.7	27,959	5.7
Potatoes	6,798	1.4	8,151	1.6	8,151	1.7
Green Peas	6,149	1.2	3,695	.7	2,844	.6
Snap Beans 4/	1,398	.3	/5	--	5/	--
Sweet Corn 4/	1,877	.4	1,119	.2	1,392	.3
Other Vegetables	13,945	2.8	17,077	3.3	15,572	3.2
FRUITS & NUTS	2,584	.5	3,538	.7	3,254	.7
Apples	1,680	.3	2,418	.5	2,404	.5
Peaches	314	.1	500	.1	170	--
Misc. Fruits & Nuts	590	.1	620	.1	680	.1
Greenhouse & Nursery	17,000	3.4	20,000	3.8	30,000	6.2
Mushrooms	5,063	1.0	4,935	.9	4,935	1.0
Forest Products	3,440	.7	2,185	.4	2,750	/6
ALL COMMODITIES	495,539	100.0	522,680	100.0	486,865	100.0

* Less than .05 percent.
1/ Figures provided by Economic Research Service, USDA.
2/ Includes miscellaneous livestock, poultry and products, horses, mink pelts, etc.
3/ Includes seed and other field crops.
4/ Processing only.
5/ Not published to avoid disclosure of individual operations. Included in other vegetables.
6/ Not included in farm income computations on page 42.

FARM INCOME, DELAWARE, 1982 - 1987 1/

ITEM	1982	1983	1984	1985	1986	1987
	Million Dollars					
GROSS FARM INCOME:						
Cash Receipts from Farm Marketings	403.7	458.0	525.5	492.1	520.5	484.1
Direct Government Payment 2/	.7	4.1	5.2	3.2	7.0	12.2
Non-Money Items & Related Income	19.6	26.4	31.4	29.9	29.1	29.2
Inventory Change	2.4	-5.3	-1.8	5.0	-2.0	-1.2
TOTAL	426.4	483.1	560.3	530.2	554.6	524.3
FARM PRODUCTION EXPENSES	372.2	408.1	426.5	413.8	389.7	384.6
NET FARM INCOME						
Current Dollars	54.2	75.0	133.8	116.4	164.8	139.7

1/ Source: Economic Research Service publication: Farm Income Data: A Historical Perspective. Cash receipts include net CCC loans. Details may not add due to rounding.
2/ Includes cash payments and PIK entitlements.
3/ Deflated by the Gross National Production implicit price deflator, 1982=100.

FARM PRODUCTION EXPENSES, DELAWARE, 1982 - 1987

ITEM	1982	1983	1984	1985	1986	1987
	Million Dollars					
Feed	135.3	165.1	167.9	159.0	159.4	153.4
Livestock Purchased	41.4	41.1	46.0	45.5	48.2	50.8
Seed	7.0	6.6	7.6	6.6	6.6	6.6
Fertilizer and Lime	22.2	18.3	23.1	14.2	14.1	12.4
Fuels and Oil	13.4	12.8	12.2	8.2	8.2	7.6
INTEREST						
Non-Real Estate	12.2	11.2	10.2	15.4	15.4	12.9
Mortgage	16.3	16.8	16.6	13.5	13.5	12.7
Hired Labor	20.3	19.6	19.5	19.8	19.8	21.5
Repair and Operation	10.9	11.5	11.7	12.3	11.9	12.4
Miscellaneous	48.5	52.5	61.3	53.9	50.8	55.5
Depreciation	38.4	42.2	39.4	34.1	33.2	30.7
Property Taxes	1.2	1.5	1.4	1.4	1.4	1.4
Net Rent to Non-Operator	5.2	9.0	9.5	6.0	4.9	6.5
Total	**372.1**	**408.1**	**426.4**	**334.7**	**387.4**	**384.6**

1/ Source: Economic Research Service publication: Farm Income Data: A Historical perspective. Details may not add due to rounding.

FARM PRODUCTION EXPENDITURES

Farm production expenditures in the United States totaled $110.1 billion in 1987, up 3.9 percent from $106.0 billion in 1986. Expenditures were higher for all major categories except feed which decreased 0.5 percent, interest which dropped 15 percent, and fuels & lubricants which decreased 7.3 percent. Farm services including rent, the largest 1987 expenditures by farmers at $24.0 billion, accounted for 22 percent of the Nation's production expenses. This level was 2.9 percent above 1986. Feed expenses totaled $14.9 billion and accounted for 13 percent of the U.S. total. Average expenditures per farm were $50,791, an increase of $2,815 from 1986.

Large farm (sales over $100,000) expenditures averaged $258,711 and accounted for over 67 percent of the U.S. total. Purchases of farm services, feed, labor, and livestock & poultry were major expenses (nearly 60 percent of the total) for operations with sales over $100,000. The large farms accounted for more than one-half of the U.S. expenses for farm services, feed, labor, livestock & poultry, farm machinery, interest, and fertilizer.

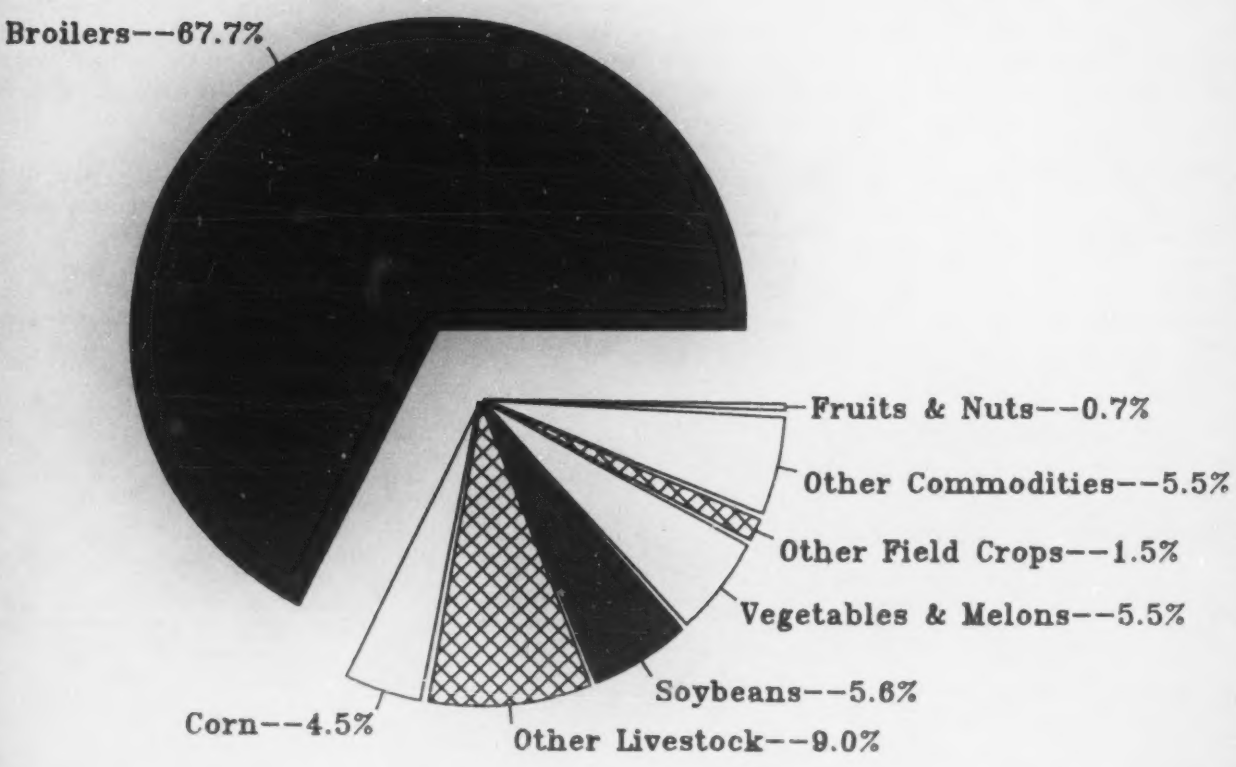
Medium sized farms (sales of $40,000-$100,000) expenses averaged $70,943 for 1987 and contributed 17 percent of the U.S. total. Leading expenditures for medium sized farms were farm services, feed, and farm machinery.

Small farm (sales less than $40,000) expenditures averaged $15,887 and accounted for 16 percent of the Nations production expenses. The three leading expenditure categories for small farms were farm services, farm machinery, and feed.

FARM PRODUCTION EXPENDITURES, UNITED STATES 1986 AND 1987

EXPENDITURE FARM SHARE	UNITED STATES AVERAGE PER FARM		TOTAL EXPENDITURES		NORHTEAST TOTAL EXPENDITURES	
	1986	1987	1986	1987	1986	1987
	DOLLARS		MILLION DOLLARS		MILLION DOLLARS	
TOTAL EXPENDITURES	47,976	50,791	105,995	110,142	7,903	8,063
LIVESTOCK & POULTRY	4,549	4,929	10,051	10,688	436	557
FEED	6,766	6,857	14,948	14,869	1,574	1,973
FARM SERVICES:	10,546	11,061	23,300	23,987	1,461	1,248
AG CHEMICALS & SPRAYS:	1,604	1,731	3,544	3,754	158	162
FERTILIZER:	3,109	2,951	6,868	6,399	406	336
INTEREST:	4,603	4,005	10,170	8 685	485	463
TAXES (PROPERTY)	1,179	1,259	2,605	2,730	225	275
LABOR:	4,487	4,613	9,913	10,003	1,059	854
FUELS & LUBRICANTS:	2,124	2,006	4,692	4,351	296	260
FARM SUPPLIES:	697	874	1,539	1,895	168	194
BUILDING & FENCING:	1,083	1,145	2,393	2,482	342	450
FARM & LAND IMPROVEMENTS:	383	353	847	766	59	50
FARM MACHINERY	4,278	5,072	9,452	10,998	751	873
SEEDS & PLANTS:	1,589	1,632	3,511	3,540	254	201
TRUCKS & AUTOS:	776	852	1,714	1,848	178	136

DELAWARE CASH FARM RECEIPTS
Major Commodities
1987



AVERAGE PRICES RECEIVED BY FARMERS, DELAWARE, 1983-1987

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	SEASON AVERAGE
						CORN-DOLLARS PER BUSHEL							
1983	2.64	2.84	2.91	3.27	3.36	3.43	3.46	3.67	3.86	3.88	3.86	3.71	3.76
1984	3.36	3.65	3.77	3.89	3.86	3.85	3.71	3.16	3.24	2.86	2.89	2.87	2.95
1985	2.95	2.94	2.93	3.02	2.96	2.92	2.72	2.58	2.37	2.29	2.40	2.58	2.45
1986	2.62	2.56	2.55	2.55	2.64	2.57	2.25	1.97	1.78	1.78	1.80	1.77	1.77
1987	1.74	1.70	1.72	1.79	1.96	2.01	1.85	1.75	1.90	1.99	2.03	2.08	2.05
						BARLEY-DOLLARS PER BUSHEL							
1983	1.90	1.92	1.95	1.94	1.95	1.83	1.85	1.93	2.19	2.13	2.07	2.41	1.95
1984	2.69	2.73	2.77	2.45	2.36	2.22	2.17	2.15	2.04	1.96	1.94	1.94	2.15
1985	1.93	1.95	1.95	1.85	1.65	1.47	1.42	1.41	1.43	1.41	1.42	1.43	1.45
1986	1.43	1.40	1.55	1.32	1.34	1.25	1.17	1.17	1.14	1.20	1.30	1.40	1.35
1987	1.40	1.45	1.40	1.35	1.36	1.14	1.11	1.13	1.20	1.25	1.20	1.30	1.15
						WHEAT-DOLLARS PER BUSHEL							
1983	3.28	3.30	3.25	3.35	3.45	3.36	3.35	3.58	3.70	3.64	3.67	3.70	3.41
1984	3.64	3.47	3.69	3.70	3.59	3.46	3.32	3.33	3.27	3.13	3.21	3.12	3.30
1985	3.14	3.16	3.14	3.10	3.08	3.06	2.86	2.68	2.66	2.80	3.07	3.06	2.88
1986	3.30	3.20	3.25	3.21	3.05	2.45	2.40	2.34	2.43	2.56	2.50	2.92	2.44
1987	3.00	2.80	2.95	3.05	3.02	2.46	2.40	2.47	2.73	2.90	2.85	2.77	2.45
						RYE-DOLLARS PER BUSHEL							
1983	2.62	2.67	2.45	2.45	2.45	2.25	2.27	2.67	3.15	2.70	2.60	2.55	2.52
1984	2.50	2.45	2.50	2.60	2.53	2.45	2.10	2.11	2.05	2.10	2.21	2.23	2.12
1985	2.69	2.29	2.35	2.38	2.19	2.04	2.04	2.05	2.05	2.33	2.50	2.54	2.10
1986	2.48	2.28	2.23	2.30	2.20	1.85	1.55	1.65	1.60	1.65	1.65	2.00	1.62
1987	1.98	1.85	1.75	1.70	2.12	1.80	1.73	1.65	1.75	1.80	1.80	1.90	1.75
						SOYBEANS-DOLLARS PER BUSHEL							
1983	5.84	5.90	5.89	6.28	6.18	6.03	6.38	8.27	8.67	8.25	8.07	7.75	7.86
1984	7.02	7.27	7.84	7.96	8.42	8.00	6.59	6.06	5.94	5.88	5.99	5.80	5.87
1985	5.80	5.90	5.87	6.02	5.74	5.67	5.45	5.04	4.97	4.88	4.89	5.10	5.00
1986	5.28	5.15	5.30	5.10	5.07	4.92	4.85	4.64	4.63	4.60	4.86	4.82	4.84
1987	4.87	4.83	4.84	5.10	5.50	5.60	5.24	5.06	5.22	5.25	5.50	5.85	5.65
						ALL HAY-DOLLARS PER TON							
1983	100.00	95.00	95.50	93.00	88.50	91.00	84.00	87.00	86.00	108.00	113.00	106.50	107.00
1984	110.00	111.00	103.50	119.00	132.00	102.00	104.00	103.00	93.00	104.00	95.00	99.00	94.00
1985	93.00	96.00	87.00	91.00	83.00	82.00	83.00	84.00	83.00	81.00	82.00	83.00	84.00
1986	86.00	90.00	84.00	83.00	81.00	82.00	90.00	97.00	108.00	114.00	127.00	129.00	118.00
1987	124.00	130.00	125.00	118.00	114.00	91.00	93.00	97.00	102.00	101.00	106.00	106.00	98.00
						ALFALFA HAY-DOLLARS PER TON							
1983	120.00	115.00	119.00	115.00	105.00	110.00	95.50	103.00	108.50	133.50	137.00	135.00	127.50
1984	141.00	143.00	125.00	145.00	144.00	120.00	127.00	131.00	105.00	120.00	109.00	114.00	110.00
1985	105.00	115.00	100.00	110.00	95.00	92.00	91.00	96.00	95.00	93.00	95.00	95.00	96.00
1986	100.00	105.00	96.00	93.00	97.00	95.00	105.00	110.00	120.00	123.00	140.00	140.00	130.00
1987	136.00	140.00	135.00	130.00	125.00	98.00	102.00	111.00	120.00	115.00	118.00	120.00	107.00
						ALL OTHER HAY-DOLLARS PER TON							
1983	90.00	85.00	82.50	81.00	80.00	80.00	78.50	78.00	75.00	94.50	100.00	96.00	92.50
1984	93.00	94.00	91.50	105.00	125.00	93.00	92.50	88.50	86.00	95.00	87.00	91.00	87.00
1985	86.00	85.50	79.00	81.00	77.00	75.00	77.00	73.50	73.00	70.50	72.00	72.50	74.00
1986	75.00	77.00	75.00	75.00	68.00	71.00	77.00	86.00	99.00	107.00	117.00	120.00	109.00
1987	115.00	121.00	116.00	109.00	105.00	85.00	85.00	85.00	88.00	90.00	97.00	95.00	89.00
						BEEF CATTLE-DOLLARS PER CWT.							
1983	48.10	52.80	50.90	51.50	52.80	51.50	51.60	50.10	47.00	48.20	46.60	47.90	49.90
1984	50.00	50.30	55.70	58.90	53.10	51.20	51.50	52.10	50.80	49.40	49.80	48.30	51.60
1985	50.40	52.30	51.80	50.10	48.50	46.40	45.80	43.80	42.40	42.70	49.20	48.20	47.60
1986	47.70	45.80	45.80	43.90	44.40	45.60	45.10	47.50	48.20	46.00	46.90	46.00	46.10
1987	47.70	50.10	51.30	54.20	56.70	58.40	55.60	54.00	55.90	56.50	57.60	54.70	54.20

1/ Marketing seasons at end of tables.

AVERAGE PRICES RECEIVED BY FARMERS, DELAWARE, 1983-1987

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	SEASON AVERAGE 1/
						STEERS AND HEIFERS-DOLLARS PER CWT.							
1983	54.1	59.8	62.7	58.0	60.0	57.9	58.6	57.1	52.7	54.3	53.4	56.6	56.6
1984	57.0	56.9	62.5	67.7	59.1	56.3	57.2	57.7	56.7	56.4	56.1	54.4	58.0
1985	56.0	57.5	57.0	55.7	52.6	49.9	48.9	47.7	45.8	46.4	56.0	54.5	52.4
1986	52.7	50.0	51.0	48.7	50.0	49.7	50.0	53.0	54.0	51.0	52.0	51.2	51.1
1987	52.7	55.0	56.5	60.0	62.3	64.3	61.0	60.0	62.0	64.0	64.9	59.9	60.0
						COWS-DOLLARS PER CWT. 2/							
1983	39.0	42.3	41.5	41.8	42.1	42.0	41.2	39.5	38.5	39.0	36.5	34.9	39.8
1984	37.0	38.0	43.1	42.5	42.0	41.0	41.0	41.6	39.7	36.3	38.1	37.1	39.7
1985	39.8	42.6	42.0	39.8	41.0	39.8	39.9	36.5	36.0	35.8	36.5	36.6	38.8
1986	38.5	38.0	36.2	35.0	34.1	38.1	35.9	37.2	37.5	36.7	37.5	36.4	36.8
1987	38.5	40.9	41.5	43.5	46.4	47.3	45.5	41.0	44.7	42.5	44.0	45.0	43.3
						CALVES-DOLLARS PER CWT.							
1983	68.2	73.0	70.7	72.0	72.5	70.0	68.8	60.8	66.4	62.7	60.4	62.5	67.0
1984	66.3	65.9	71.5	66.0	69.4	65.0	63.5	59.5	62.1	62.4	60.0	60.5	64.5
1985	64.0	66.0	65.0	63.9	66.0	64.7	58.7	55.1	56.0	60.2	62.0	59.5	61.8
1986	59.9	59.1	61.0	59.0	55.7	62.0	59.2	55.0	58.8	56.0	56.0	55.0	57.9
1987	56.6	58.0	60.0	63.0	73.0	72.1	74.2	76.0	73.3	74.0	71.2	73.5	67.8
						HOGS-DOLLARS PER CWT.							
1983	55.0	59.4	52.0	47.5	46.7	45.4	44.9	48.5	45.3	40.9	39.3	44.2	48.7
1984	49.8	48.1	46.4	46.8	47.6	50.2	54.1	51.0	47.2	44.5	48.9	47.9	48.0
1985	47.6	49.5	43.7	39.9	40.5	43.1	47.8	44.5	40.0	43.4	43.4	43.7	44.4
1986	45.0	43.9	40.0	39.3	43.2	48.3	57.5	57.7	59.1	51.3	52.6	52.4	48.4
1987	46.4	48.2	45.4	48.2	53.0	55.2	58.0	56.6	54.7	47.7	43.5	40.2	50.1
						BROILERS-CENTS PER POUND							
1983	27.5	30.0	27.5	26.0	29.5	31.5	33.5	34.5	34.5	33.0	36.5	37.0	31.0
1984	41.0	41.0	40.5	36.0	36.5	36.0	37.5	34.0	33.5	31.5	32.0	29.5	36.5
1985	35.0	35.0	31.5	30.5	33.5	35.0	33.0	32.5	34.0	31.0	34.5	31.5	33.0
1986	34.5	32.0	33.5	33.5	37.0	39.5	45.5	45.0	40.5	42.0	37.0	31.0	37.5
1987	33.0	32.5	30.0	31.0	31.0	28.5	29.5	35.0	29.5	26.0	29.0	27.0	30.5
						CHICKENS, EXCLUDING BROILERS-CENTS PER POUND							
1983	10.5	12.5	12.5	10.5	9.0	11.5	12.0	15.5	18.0	20.0	22.0	28.0	14.0
1984	31.0	28.0	26.0	20.0	15.0	9.0	9.0	12.0	17.0	18.0	20.0	9.5	18.0
1985	11.0	13.0	12.0	11.0	15.0	16.0	19.0	20.0	20.0	17.0	25.0	17.0	15.0
1986	14.0	12.0	9.0	9.0	10.0	8.0	14.0	15.0	13.0	20.0	21.0	19.0	13.0
1987	18.0	15.0	12.0	9.0	6.0	5.0	7.0	11.0	12.0	10.0	13.0	5.0	11.0
						ALL EGGS, CENTS PER DOZEN 3/							
1983	95.0	95.0	93.0	93.0	94.0	92.0	93.0	95.0	97.0	100.0	105.0	108.0	95.5
1984	117.0	114.0	109.0	112.0	105.0	99.0	99.0	102.0	100.0	99.0	96.0	102.0	105.0
1985	97.0	94.0	96.0	99.0	97.0	98.0	95.0	99.0	97.0	101.0	100.0	99.0	98.0
1986	99.0	94.0	101.0	95.0	93.0	93.0	101.0	102.0	102.0	100.0	102.0	106.0	98.0
1987	99.0	98.0	97.0	99.0	98.0	97.0	99.0	100.0	104.0	98.0	103.0	103.0	101.0

1/ See marketing seasons at the end of table. 2/ Includes cull dairy cows sold for slaughter, but not dairy cows for herd replacements. 3/ Includes table eggs and hatching eggs.

MARKETING SEASON FOR DELAWARE COMMODITIES

Apples:	July 1 to June 30
Soybeans:	September 1 to August 31
Barley:	June 1 to May 31
Corn for Grain:	September 1 to August 31
Hay:	June 1 to May 31
Oats:	June 1 to May 31
Peaches:	July 1 to September 30
Potatoes:	A 20-month period beginning December preceding the specified crop year through July following the year shown.
Rye:	July 1 to June 30
Soybeans:	September 1 to August 31
Sweet Potatoes:	September 1 to August 31
Wheat:	June 1 to May 31
Cattle & Calves:	January 1 to December 31
Hogs:	December 1 to November 30
Poultry:	December 1 to November 30
Eggs:	December 1 to November 30

FEED: AVERAGE MID-MONTH PRICES PAID BY FARMERS, DELAWARE, 1979-1985 1/

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
						BRAN-DOLLARS PER CWT.						
1979	8.00	8.00	8.00	8.10	7.90	7.70	8.20	8.40	8.10	8.10	8.50	8.50
1980	8.40	8.70	8.80	8.90	8.90	9.20	9.00	9.20	9.30	9.80	10.50	10.50
1981	10.50	11.00	11.00	11.00	11.00	11.00	11.00	10.50	10.50	9.90	10.50	9.50
1982	10.50	11.00	11.00	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.00	9.50
1983	9.50	9.60	9.60	9.90	9.80	9.90	9.90	10.00	10.00	10.00	10.50	10.50
1984	11.00	11.50	11.00	11.00	11.00	11.00	11.50	11.00	10.50	10.50	10.50	10.50
1985	10.00	10.00	10.00	9.90	9.90	9.60	9.20	9.50	9.40	9.00	9.30	9.20
						CORN MEAL-DOLLARS PER CWT.						
1979	6.60	6.70	6.60	6.60	7.00	6.60	6.80	7.30	7.50	7.50	7.00	7.10
1980	7.20	7.10	7.20	7.80	7.60	7.70	7.90	7.90	8.30	8.30	8.80	8.80
1981	8.80	9.20	9.20	8.90	8.90	8.70	8.60	9.20	8.20	8.00	8.10	7.80
1982	8.10	8.10	8.00	7.80	7.90	8.00	7.80	7.70	7.30	7.30	7.00	7.00
1983	7.20	7.40	7.40	7.60	7.60	8.10	8.20	8.70	8.90	9.00	9.40	9.40
1984	9.30	9.30	9.40	8.90	9.00	9.50	10.00	9.80	9.60	9.50	9.00	8.90
1985	8.50	8.80	9.20	9.10	8.80	8.20	7.90	7.80	8.30	7.80	7.10	7.70
						LAYING FEED-DOLLARS PER TON						
1979	158.00	167.00	167.00	166.00	169.00	169.00	191.00	188.00	181.00	186.00	185.00	190.00
1980	185.00	195.00	186.00	167.00	170.00	169.00	173.00	185.00	200.00	200.00	205.00	205.00
1981	205.00	210.00	205.00	205.00	205.00	205.00	200.00	192.00	178.00	174.00	180.00	180.00
1982	178.00	185.00	189.00	186.00	190.00	186.00	182.00	183.00	178.00	175.00	179.00	180.00
1983	173.00	184.00	185.00	193.00	199.00	199.00	196.00	215.00	220.00	220.00	230.00	205.00
1984	210.00	210.00	220.00	220.00	220.00	235.00	245.00	235.00	250.00	240.00	[illegible]00	220.00
1985	205.00	200.00	197.00	198.00	185.00	172.00	174.00	167.00	165.00	170.00	[illegible]00	175.00
						BROILER GROWER FEED-DOLLARS PER TON						
1979	186.00	197.00	198.00	195.00	193.00	198.00	210.00	220.00	215.00	215.00	205.00	205.00
1980	215.00	220.00	205.00	205.00	205.00	205.00	210.00	225.00	230.00	245.00	235.00	230.00
1981	235.00	230.00	225.00	230.00	240.00	230.00	220.00	205.00	190.00	173.00	182.00	200.00
1982	210.00	220.00	215.00	215.00	220.00	215.00	210.00	205.00	200.00	196.00	200.00	205.00
1983	200.00	205.00	205.00	205.00	210.00	220.00	210.00	225.00	230.00	225.00	235.00	220.00
1984	220.00	220.00	235.00	250.00	240.00	250.00	225.00	230.00	245.00	250.00	245.00	235.00
1985	225.00	205.00	225.00	230.00	210.00	210.00	198.00	194.00	210.00	196.00	184.00	205.00
						DAIRY FEED, 16% PROTEIN-DOLLARS PER TON						
1979	150.00	150.00	152.00	156.00	156.00	151.00	168.00	169.00	162.00	171.00	169.00	172.00
1980	171.00	173.00	167.00	161.00	161.00	161.00	168.00	179.00	187.00	195.00	200.00	199.00
1981	205.00	210.00	205.00	205.00	205.00	199.00	195.00	190.00	177.00	176.00	177.00	179.00
1982	180.00	176.00	177.00	173.00	175.00	172.00	165.00	164.00	160.00	160.00	165.00	162.00
1983	167.00	168.00	168.00	169.00	174.00	174.00	169.00	177.00	181.00	192.00	205.00	197.00
1984	198.00	197.00	200.00	197.00	197.00	196.00	188.00	181.00	186.00	174.00	172.00	166.00
1985	165.00	164.00	160.00	164.00	164.00	159.00	160.00	160.00	160.00	164.00	159.00	166.00
						SOYBEAN MEAL, 44% PROTEIN-DOLLARS PER CWT.						
1979	13.00	13.00	13.00	13.50	13.50	13.50	15.00	14.00	14.00	14.00	13.50	13.50
1980	14.00	14.00	13.00	14.00	12.50	12.50	13.00	14.00	15.00	15.50	17.50	17.50
1981	17.50	18.00	18.00	18.00	16.50	16.50	16.00	16.50	15.50	15.00	14.50	15.00
1982	14.00	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.00	13.50	13.00	13.00
1983	13.00	13.00	13.00	13.50	14.00	13.50	13.00	15.00	16.00	16.00	16.00	16.50
1984	16.50	17.00	17.50	17.50	17.50	15.50	14.00	13.50	13.00	12.50	12.00	12.00
1985	11.50	11.00	11.00	11.00	11.50	10.50	9.70	11.00	10.00	10.50	11.00	10.00

1/ Discontinued in January 1986.

TOTAL COMMERCIAL FERTILIZERS
CONSUMPTION IN DELAWARE 1/

	JULY 1, 1985 - JUNE 30, 1986	JULY 1, 1986 - JUNE 30, 1987
	NUTRIENT TONS	
Mixtures		
N	5,035	4,851
P205	6,530	5,924
K2O	8,022	7,062
Total	19,587	17,837
Mixtures and Materials Combined		
N	16,943	16,516
P205	6,757	6,274
K2O	13,811	13,681
Total	37,511	36,471

1/ Source: National Fertilizer Development Center, Tennessee Valley Authority.

COMMERCIAL FERTILIZER, DIRECT APPLICATION MATERIALS
YEARS ENDED JUNE 30, 1986 - 1987 1/

	DELAWARE		UNITED STATES	
	1986	1987	1986	1987
Ammonia	Tons			
Anhydrous	500	367	4,571,796	4,590,122
Ammonium				
Nitrate	1,829	1,349	1,735,168	1,681,618
Sulfate	4,272	5,463	665,582	637,509
Nitrogen				
Solutions	28,071	31,819	7,030,150	6,788,974
Sodium Nitrate	13	6	61,253	42,636
Urea	572	429	3,436,210	3,358,115
Superphosphates				
Under 22%	1	3	66,465	48,036
Over 22%	496	752	718,195	657,779
Other Phosphate	0	35	370,391	376,727
Potassium				
Chloride				
60% and above	9,577	10,939	4,983,302	4,962,372
Potassium				
Sulfate 50% K20	9	12	92,299	68,425
Other Potassium	191	248	245,342	229,893

1/ Source: National Fertilizer Development Center, Tennessee Valley Authority.

PENNSYLVANIA
WILMINGTON
NEWARK
NEW CASTLE
DELAWARE CITY
CHESAPEAKE & DELAWARE CANAL
MIDDLETOWN
ODESSA
TOWNSEND
NEW JERSEY
SMYRNA
CLAYTON
KENTON
CHESWOLD
HARTLY
DOVER
CAMDEN
WYOMING
MAGNOLIA
WOODSIDE
VIOLA
FELTON
FREDERICA
DELAWARE BAY
HARRINGTON
HOUSTON
MILFORD
FARMINGTON
GREENWOOD
ELLENDALE
LEWES
BRIDGEVILLE
REHOBOTH BEACH
GEORGETOWN
SEAFORD
BLADES
BETHEL
LAUREL
DELMAR
MARYLAND
MARYLAND
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